



# **Parts & Accessories Manual**

**Updated 3/03/2006**

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## Galaxy- GX2300S Frequently Used Parts

| Ref. | Description              | Part Number | SAP number  |
|------|--------------------------|-------------|-------------|
| QT03 | Final amp (S-AV6)        | HC10100050  | HC10100050  |
| QL01 | LCD                      | HQ20201300  | HQ20201300  |
| PG01 | Vol/Sql. Board assy.     | ZZ423C1540  | ZZ423C1540  |
| PL01 | Display board assy.      | ZZ423C0210  | ZZ423C0210  |
| PV01 | VCO assembly             | ZZ420C1430  | ZZ356X3010  |
| Z101 | Lithium battery          | ZB09020020  | ZB09020020* |
| F001 | Fuse 6 amp               | FS10600600  | FS10600600  |
| Z001 | Power cord               | YC01300030  | YC01300030  |
| 007V | Stainless mic hanger     | 011C155400  | 011C155400  |
| RG01 | Vol. pot.                | RB12030160  | RB12030160  |
| RG02 | Sql. pot.                | RB02030200  | RB02030200  |
| EG30 | Speaker                  | QK00468010  | QK00468010  |
| J104 | Ext. speaker jack        | YT02010330  | YT02010330  |
| 041B | Rear case (white)        | 420C064010  | 420C064010  |
| 041B | Rear case (black)        | 420C064100  | 420C064100  |
| 006B | Keypad                   | 420C270010  | 420C270010  |
|      | Mounting Bracket (White) | 389B160030  | 389B160030  |
|      | Mounting Bracket (Black) | 420C160100  | 420C160100  |
|      | Mounting knobs (White)   | 414C154020  | 414C154020  |
|      | Mounting knobs (Black)   | 414C154040  | 414C154040  |
|      | Microphone white         | MP11001002  | MP11001002  |
|      | Microphone Black         | MP11001240  | MP11001240  |
|      | Volume Control Knob      | 420C154010  | 420C154010  |
|      | Squelch Control Knob     | 420C154010  | 420C154010  |
|      | Owners Manual            | 423C851010  | 423C851010  |
|      | Service Manual           | XUZZZ0331   | XUZZZ0331   |
|      | Dust Cover               | DC23        | XUNVM0004   |
|      |                          |             |             |

## Accessories

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
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**Titan- GX2310S**

| <b>Ref.</b> | <b>Description</b>       | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------------|--------------------|-------------------|
| QT03        | Final amp (S-AV6)        | HC10100050         | HC10100050        |
| QL01        | LCD                      | HQ20201300         | HQ20201300        |
| PG01        | Vol/Sql. Board Assy.     | ZZ420C1440         | ZZ420C1440        |
| PL01        | Display board Assy.      | ZZ420C0210         | ZZ420C0210        |
| Z201        | Lithium battery          | ZB09020020         | ZB09020020        |
| F001        | Fuse 6 amp               | FS10600600         | FS10600600        |
| Z001        | Power cord               | YC01300030         | YC01300030        |
| 101V        | Stainless mic hanger     | 011C155400         | 011C155400        |
| RG01        | Vol. pot.                | RB12030160         | RB12030160        |
| RG02        | Sql. pot.                | RB02030200         | RB02030200        |
| EG30        | Speaker                  | QK00468010         | QK00468010        |
| J104        | Ext. speaker jack        | YT02010330         | YT02010330        |
| 006B        | Keypad                   | 420C270010         | 420C270010        |
| 041B        | Rear case (white)        | 420C064010         | 420C064010        |
|             | Mounting Bracket (White) | 389B160030         | 389B160030        |
|             | Mounting Bracket (Black) | 420C160100         | 420C160100        |
|             | Mounting knobs (White)   | 414C154020         | 414C154020        |
|             | Mounting knobs (Black)   | 414C154040         | 414C154040        |
|             | Volume Control Knob      | 420C154010         | 420C154010        |
|             | Squelch Control Knob     | 420C154010         | 420C154010        |
|             | Service Manual           | XUZZZ0332          | XUZZZ0332         |
|             | Dust Cover               | DC23               | XUNVM0004         |
|             | Microphone white         | MP11000890         | MP11000890        |
|             |                          |                    |                   |
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**Accessories**

| <b>Ref.</b> | <b>Description</b>            | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------------|--------------------|-------------------|
|             | Miniature Audio Speaker White | 101W               | XUZZZ0586         |
|             | Large Speaker white amplified | MLS-310W           | AAD99X001         |
|             | Large Speaker white           | MLS-300W           | AAE31X001         |
|             | Large Speaker Black amplified | MLS-310B           | AAD99X002         |
|             | Large Speaker Black           | MLS-300B           | AAE31X002         |
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**Titan+- GX2320S**

| <b>Ref.</b> | <b>Description</b>       | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------------|--------------------|-------------------|
| QT03        | Final amp (S-AV6)        | HC10100050         | HC10100050        |
| PG01        | Vol/Sql. Board assy.     | ZZ423C1550         | ZZ423C1550        |
| PL01        | Display board assy.      | ZZ422C0210         | ZZ422C0210        |
| PV01        | VCO assembly             | ZZ420C1430         | ZZ420C1430        |
| Z101        | Lithium battery          | ZB09020020         | ZB09020020        |
| Z001        | Power cord               | YC01300030         | YC01300030        |
| 010B        | Keypad                   | 422C270012         | 422C270012        |
| 044B        | Mic boot                 | 422C277010         | 422C277010        |
| EG30        | Speaker                  | QK00468020         | QK00468020        |
| 007V        | Stainless mic hanger     | 011C155400         | 011C155400        |
| RG01        | Vol. pot.                | RB12030160         | RB12030160        |
| RG02        | Sql. pot.                | BR02030010         | BR02030010        |
| J104        | Ext. speaker jack        | YT02010330         | YT02010330        |
| QL01        | LCD                      | HQ20201300         | HQ20201300        |
| 041B        | Rear case (white)        | 420C064010         | 420C064010        |
| 041B        | Rear case (black)        | 420C064100         | 420C064100        |
|             | Mounting Bracket (White) | 389B160030         | 389B160030        |
|             | Mounting Bracket (Black) | 420C160100         | 420C160100        |
|             | Mounting knobs (White)   | 414C154020         | 414C154020        |
|             | Mounting knobs (Black)   | 414C154040         | 414C154040        |
|             | Volume Control Knob      | 420C154010         | 420C154010        |
|             | Squelch Control Knob     | 420C154010         | 420C154010        |
|             | LO/DX Knob               | 422C154020         | 422C154020        |
|             | Owners Manual            | 422C851010         | 422C851010        |
|             | Service Manual           | XUZZZ0333          | XUZZZ0333         |
|             | Dust Cover               | DC23               | XUNVM0004         |
|             | Microphone white         | MP11001010         | MP11001010        |
|             | Microphone Black         | MP11001230         | MP11001230        |
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**Accessories**

| <b>Ref.</b> | <b>Description</b>            | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------------|--------------------|-------------------|
|             | Miniature Audio Speaker White | 101W               | XUZZZ0586         |
|             | Large Speaker white amplified | MLS-310W           | AAD99X001         |
|             | Large Speaker white           | MLS-300W           | AAE31X001         |
|             | Large Speaker Black amplified | MLS-310B           | AAD99X002         |
|             | Large Speaker Black           | MLS-300B           | AAE31X002         |
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**Infinity- GX2400S**

| <b>Ref.</b> | <b>Description</b>       | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------------|--------------------|-------------------|
| QT03        | Final amp (S-AV6)        | HC10100050         | HC10100050        |
| PG01        | Vol/Sq. Board assy.      | ZZ419C1440         | ZZ419C1440        |
| PV01        | VCO assembly.            | ZZ419C1430         | ZZ419C1430        |
| Z101        | Lithium battery          | ZB09020020         | ZB09020020        |
| F001        | Fuse 6 amp               | FS10600600         | FS10600600        |
| Z001        | Power Cord               | YC01300030         | YC01300030        |
| 014S        | Stainless mic hanger     | 011C155400         | 011C155400        |
| 010B        | Button, keyboard         | 419C270040         | 419C270040        |
| 080B        | Rear case                | 419C064410         | 419C064410        |
| 001B        | Front panel              | 419C064400         | 419C064400        |
| PL01        | Display PCB assy.        | ZZ419C0210         | ZZ419C0210        |
| E201        | Speaker                  | QK00578050         | QK00578050        |
| J201        | Ext. speaker jack        | YJ06002650         | YJ06002650        |
| QL01        | Microprocessor           | HU10007010         | HU10007010        |
| QL02        | LCD                      | HQ20201030         | HQ20201030        |
| RG01        | AF vol. / sql. pot.      | RD12030150         | RD12030150        |
| RG02        | PA vol. LO, DX pot.      | RD12030180         | RD12030180        |
|             | Mounting Bracket (Black) | 407C160020         | 407C160020        |
|             | Mounting knobs (Black)   | 419C154030         | 419C154030        |
|             | Volume Control Knob      | 419C154012         | 419C154012        |
|             | Squelch Control Knob     | 419C154012         | 419C154012        |
|             | LO/DX Knob               | 419C154022         | 419C154022        |
|             | Owners Manual            | 419C851010         | 419C851010        |
|             | Service Manual           | MMGX2400S          | MMGX2400S         |
|             | Microphone Black (5-pin) | MP11001070         | MP11001070        |
|             | Microphone Black (7-pin) | MP11001160         | MP11001160        |
|             |                          |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>            | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------------|--------------------|-------------------|
|             | Miniature Audio Speaker White | 101W               | XUZZZ0586         |
|             | Large Speaker white amplified | MLS-310W           | AAD99X001         |
|             | Large Speaker white           | MLS-300W           | AAE31X001         |
|             | Large Speaker Black amplified | MLS-310B           | AAD99X002         |
|             | Large Speaker Black           | MLS-300B           | AAE31X002         |
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**Eclipse- GX1240S/GX1245S/GX1246S**

| Ref. | Description                 | Part Number | SAP number |
|------|-----------------------------|-------------|------------|
| QT03 | Final amp (S-AV6)           | HC10100050  | HC10100050 |
| QL01 | LCD (GX1240S/45S)           | HQ20201300  | HQ20201300 |
| QL01 | LCD (GX1246S)               | HQ20203300  | HQ20203300 |
| PG01 | Vol/Sq. Board assembly      | ZZ457C1330  | ZZ457C1330 |
| PL01 | Display assy (GX1245S)      | ZZ146B0210  | ZZ146B0210 |
| PL01 | Display Assy (GX1246S)      | ZZ356X2010  | ZZ356X2010 |
| Z101 | Lithium battery             | ZB09020020  | ZB09020020 |
| F001 | Fuse 6 amp                  | FS10600600  | FS10600600 |
| Z001 | Power cord                  | YC01300030  | YC01300030 |
| 010B | Keypad                      | 457C270010  | 457C270010 |
| 101V | Stainless mic hanger        | 011C155400  | 011C155400 |
|      | Mic hanger button           | 091X155010  | 091X155010 |
| 072B | Rear case                   | 420C064010  | 420C064010 |
| RG01 | Vol. pot.                   | RB12030160  | RB12030160 |
| RG02 | Sq. pot.                    | RB02030200  | RB02030200 |
| J104 | Ext. speaker jack           | YT02010460  | YT02010460 |
| EG30 | Speaker (GX1240S)           | QK00468020  | QK00468020 |
|      | Mounting Bracket (White)    | 389B160030  | 389B160030 |
|      | Mounting knobs (White)      | 414C154020  | 414C154020 |
|      | Volume Control Knob         | 420C154020  | 420C154020 |
|      | Squelch Control Knob        | 420C154020  | 420C154020 |
|      | Owners Manual               | 175B851010  | 175B851010 |
|      | Service Manual              | MMGX1240S   | MMGX1240S  |
|      | Dust Cover                  | DC23        | XUNVM0004  |
|      | GX1240S Microphone          | ZZ457C1880  | ZZ457C1880 |
|      | GX1245S Microphone (CMP346) | MP51000180  | MP51000180 |
|      | GX1246S Mic (CMP847W)       | MP5100032R  | MP5100032R |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Sleeve (white)    | CMB11W      | AY085X001  |
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**Eclipse+-GX1250S**

| Ref. | Description                 | Part Number | SAP number |
|------|-----------------------------|-------------|------------|
| QT03 | Final amp (M57710A)         | HC10044200  | HC10044200 |
| PG01 | Vol/SqL. Board Assembly     | ZZ175B2020  | ZZ175B2020 |
| PL01 | Display Board Assembly      | ZZ175B2010  | ZZ175B2010 |
| ZZ01 | VCO assembly                | ZZ175B0010  | ZZ175B0010 |
| FT50 | Fuse 6 amp                  | FS10600600  | FS10600600 |
| Z001 | Power cord                  | YC01300030  | YC01300030 |
| 040B | Rear case (white)           | 175B064020  | 175B064020 |
| 040B | Rear case (black)           | 175B064120  | 175B064120 |
| N002 | White mic hanger            | 277X155500  | 277X155500 |
| N002 | Black mic hanger            | 277X155120  | 277X155120 |
|      | Mic hanger button (white)   | 277X155010  | 277X155010 |
|      | Mic hanger button (black)   | 277X155110  | 277X155110 |
| 015B | Keypad                      | 175B270010  | 175B270010 |
| 041B | Front case gasket           | 175B277020  | 175B277020 |
| QL01 | LCD                         | HQ20511860  | HQ20511860 |
| RG01 | Vol./sql. pot.              | RD12030260  | RD12030260 |
| J104 | Ext. speaker jack           | YT02010460  | YT02010460 |
| EG30 | Speaker                     | QK00468030  | QK00468030 |
|      | Mounting Bracket (White)    | 175B160020  | 175B160020 |
|      | Mounting Bracket (Black)    | 175B160120  | 175B160120 |
|      | Mounting knobs (White)      | 414C154020  | 414C154020 |
|      | Mounting knobs (Black)      | 414C154040  | 414C154040 |
|      | Volume Control Knob         | 175B154500  | 175B154500 |
|      | Squelch Control Knob        | 175B154010  | 175B154010 |
|      | Owners Manual               | 175B851010  | 175B851010 |
|      | Service Manual              | MMGX1250S   | MMGX1250S  |
|      | Dust Cover                  | DC12        | 175B053010 |
|      | Microphone white (CMP349WR) | MP51000240  | MP51000240 |
|      | Microphone Black (CMP349BR) | MP51000280  | MP51000280 |
|      | Microphone element          | MS500015AR  | MS500015AR |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      |                               |             |            |
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**Eclipse++-GX1250SA**

| Ref. | Description                  | Part Number    | SAP number        |
|------|------------------------------|----------------|-------------------|
| N001 | Microphone (white CMP349WR)  | MP51000460     | MP51000460        |
| N001 | Microphone (Black CMP349BR)  | MP51000470     | MP51000470        |
| 001V | Mounting Bracket White       | 457X160010     | 457X160010        |
| 001V | Mounting Bracket Black       | 457X160110     | 457X160110        |
| 002V | Mounting Bracket Knob White  | 444X154030     | 444X154030        |
| 002V | Mounting Bracket Knob Black  | 444X154130     | 444X154130        |
| 012B | Volume/squelch Knob mold     | 444X154020     | 444X154020        |
| 011B | Volume/squelch Knob rubber   | 444X154010     | 444X154010        |
| 010B | Volume/squelch Knob D-spring | 444X115010     | 444X115010        |
| Z002 | Power Cord                   | ZC01300010     | ZC01300010        |
|      | Microphone Hanger White      | 277X155020     | 277X155020        |
|      | Microphone Hanger Black      | 277X155120     | 277X155120        |
|      | Owners Manual                | 457X851010     | 457X851010        |
|      | Service Manual               | EY057N90A (CD) | EY057N900 (Paper) |
| PG01 | Volume Squelch board assy.   | WG457X2020     | WG457X2020        |
| RG02 | Volume Pot.                  | RB12030390     | RB12030390        |
| RG01 | Squelch Pot.                 | RB02030380     | RB02030380        |
| 001B | Front Case White             | 457X064010     | 457X064010        |
| 001B | Front Case Black             | 457X064110     | 457X064110        |
| EG30 | Front Speaker                | QK00468030     | QK00468030        |
| 004B | Keypad                       | 457X270010     | 457X270010        |
| QL15 | LCD display                  | HQ20511860     | HQ20511860        |
| QT03 | Final amplifier              | HC10044200     | HC10044200        |
|      | Volume Control Knob          | S8400743       | S8400743          |
|      | Squelch Control Knob         | S8400743       | S8400743          |
|      |                              |                |                   |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      |                               |             |            |
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**Nova+- GX2335S**

| <b>Ref.</b> | <b>Description</b>          | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-----------------------------|--------------------|-------------------|
| QT04        | Final amp. (M57710-A)       | HC10044200         | HC10044200        |
| PG02        | Vol./sql. board assy.       | ZZ389B1030         | ZZ389B1030        |
| RG06        | Vol./sql. pot.              | RD12030280         | RD12030280        |
| SL02        | Channel selector            | SR01010020         | SR01010020        |
| QL02        | LCD                         | HQ20518860         | HQ20518860        |
| PL01        | Display PCB assy.           | ZZ389B1020         | ZZ389B1020        |
| EG01        | Speaker                     | QK00402040         | QK00402040        |
| 051B        | Rear case (black)           | 496C064040         | 496C064040        |
| 051B        | Rear case (white)           | 496C064030         | 496C064030        |
| Z001        | Power cord                  | YC01300030         | YC01300030        |
| 008B        | Keypad                      | 389B270010         | 389B270010        |
| PG01        | Microphone jack             | ZZ389B1040         | ZZ389B1040        |
| J104        | External speaker jack       | YT02010460         | YT02010460        |
| ZZ02        | 23 ft. RAM cable            | ZD07000010         | ZD07000010        |
| 201V        | Stainless mic hanger        | 244X155020         | 244X155020        |
|             | Mic element                 | MS500015AR         | MS500015AR        |
|             | Mounting Bracket (White)    | 389B160030         | 389B160030        |
|             | Mounting Bracket (Black)    | 389B160020         | 389B160020        |
|             | Mounting knobs (White)      | 414C154022         | 414C154022        |
|             | Mounting knobs (Black)      | 414C154040         | 414C154040        |
|             | Volume Control Knob         | 496C154150         | 496C154150        |
|             | Squelch Control Knob        | 496C154060         | 496C154060        |
|             | Channel selector Knob       | 174B154010         | 174B154010        |
|             | Owners Manual               | 389B851010         | 389B851010        |
|             | Service Manual              | MMGX2335S          | MMGX2335S         |
|             | Dust Cover                  | DC23               | XUNVM0004         |
|             | Microphone white (CMP847W+) | MP51000350         | MP51000350        |
|             | Microphone Black (CMP847B+) | MP51000360         | MP51000360        |
|             |                             |                    |                   |
|             |                             |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>            | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------------|--------------------|-------------------|
|             | Miniature Audio Speaker White | 101W               | XUZZZ0586         |
|             | Large Speaker white amplified | MLS-310W           | AAD99X001         |
|             | Large Speaker white           | MLS-300W           | AAE31X001         |
|             | Large Speaker Black amplified | MLS-310B           | AAD99X002         |
|             | Large Speaker Black           | MLS-300B           | AAE31X002         |
|             | 10' Ram mic extension cable   | CAW23              | AY007X001         |
|             | Ram mic Black                 | CMP23B             | AY027X001         |
|             | Ram mic White                 | CMP23W             | AY027X002         |
|             |                               |                    |                   |
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**Intrepid- GX1260S**

| Ref. | Description                | Part Number    | SAP number        |
|------|----------------------------|----------------|-------------------|
| QT03 | Final amp (M57710-A)       | HC10044200     | HC10044200        |
| 004B | Keypad                     | 444X270010     | 444X270010        |
| PL01 | Display PCB assy.          | WG444X2010     | WG444X2010        |
| RL51 | Vol. pot                   | RB1203036R     | RB1203036R        |
| RL50 | Sql. pot.                  | RB02030010     | RB02030010        |
| Z001 | Power cord                 | ZC01300010     | ZC01300010        |
| 072B | Rear case (white)          | 444X064020     | 444X064020        |
| 072B | Rear case (black)          | 444X064120     | 444X064120        |
| N002 | White mic hanger           | 277X155020     | 277X155020        |
| N002 | Black mic hanger           | 277X155120     | 277X155120        |
| QL04 | LCD                        | HQ2460299R     | HQ2460299R        |
| EG01 | Speaker                    | QK0045201R     | QK0045201R        |
| ---- | DSC button cover           | 444X053010     | 444X053010        |
| ---- | Mic rear case (white)      | 413X064540     | 413X064540        |
| ---- | Mic rear case (black)      | 413X064560     | 413X064560        |
| ---- | New DSC button cover       | 444X053012     | 444X053012        |
| ---- | (Plastic) Accessory cable  | ZD00600100     | ZD00600100        |
| ---- | (metal) Accessory cable    | ZD00700020     | ZD00700020        |
|      | Dust Cover                 | 444X053070     | 444X053070        |
|      | PTT Cover                  | S8002031       | S8002031          |
|      | Mounting Bracket (White)   | 444X160030     | 444X160030        |
|      | Mounting Bracket (Black)   | 444X160130     | 444X160130        |
|      | Mounting knobs (White)     | 444X154030     | 444X154030        |
|      | Mounting knobs (Black)     | 444X154130     | 444X154130        |
|      | Volume Control Knob        | S8400743       | S8400743          |
|      | Squelch Control Knob       | S8400743       | S8400743          |
|      | Owners Manual              | 437B851010     | 437B851010        |
|      | Service Manual             | EY058N90A (CD) | EY058N900 (paper) |
|      | Microphone white (CMP349W) | MP51000380     | MP51000380        |
|      | Microphone Black (CMP349B) | MP51000390     | MP51000390        |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      | 10' Ram mic extension cable   | CAW23       | AY007X001  |
|      | Ram mic White                 | CMP23W      | AY027X002  |
|      | Ram mic Black                 | CMP23B      | AY027X001  |
|      |                               |             |            |
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**Intrepid LE- GX1265S**

| Ref. | Description                | Part Number       | SAP number        |
|------|----------------------------|-------------------|-------------------|
| 001B | Front case (white)         | 444X064030        | 444X064030        |
| 001B | Front case (black)         | 444X064130        | 444X064130        |
| 072B | Rear case (white)          | 444X064020        | 444X064020        |
| 072B | Rear case (black)          | 444X064120        | 444X064120        |
| 016B | Front case gasket          | 444X277020        | 444X277020        |
| 017B | Frnt. Case gasket adhesive | 444X122010        | 444X122010        |
| EG01 | Speaker                    | QK00452010        | QK00452010        |
| 004B | Keypad                     | 444X270010        | 444X270010        |
| 015B | Front case O ring          | 444X277010        | 444X277010        |
| 058B | Rear case O ring           | 444X277040        | 444X277040        |
| 020B | DSC button cover           | 444X053010        | 444X053010        |
| JT01 | Antenna jack               | YJ07019240        | YJ07019240        |
| QL04 | LCD                        | HQ24602990        | HQ24602990        |
| RL50 | Sq. Pot.                   | RB02030010        | RB02030010        |
| RL51 | Vol. Pot.                  | RB12030360        | RB12030360        |
| QT04 | Final amp. (M57710-A)      | HC10044200        | HC10044200        |
|      | (plastic) Accessory cable  | ZD00600100        | ZD00600100        |
|      | Dust Cover                 | 444X053070        | 444X053070        |
|      | Mounting Bracket (White)   | 444X160030        | 444X160030        |
|      | Mounting Bracket (Black)   | 444X160130        | 444X160130        |
|      | Mounting knobs (White)     | 444X154030        | 444X154030        |
|      | Mounting knobs (Black)     | 444X154130        | 444X154130        |
|      | Volume Control Knob        | S8400743          | S8400743          |
|      | Squelch Control Knob       | S8400743          | S8400743          |
|      | Owners Manual              | 456X851010        | 456X851010        |
|      | Service Manual             | EY135N900 (paper) | EY135N900 (paper) |
|      | Microphone white (CMP349W) | MP51000380        | MP51000380        |
|      | Microphone Black (CMP349B) | MP51000390        | MP51000390        |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      |                               |             |            |
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**Intrepid+- GX1270S**

| Ref. | Description                | Part Number    | SAP number        |
|------|----------------------------|----------------|-------------------|
| QT04 | Final amp (M57710-A)       | HC10044200     | HC10044200        |
| 004B | Keypad                     | 444X270070     | 444X270070        |
| PL01 | Display PCB assy.          | WG02AX2010     | WG02AX2010        |
| RL51 | Vol. pot                   | RB12030360     | RB12030360        |
| RL50 | Sq. pot.                   | RB02030010     | RB02030010        |
| Z001 | Power cord                 | ZC01300010     | ZC01300010        |
| Z003 | Rear case (white)          | 02AX064430     | 02AX064430        |
| Z003 | Rear case (black)          | 02AX064440     | 02AX064440        |
| N002 | White mic hanger           | 277X155020     | 277X155020        |
| N002 | Black mic hanger           | 277X155120     | 277X155120        |
| QL04 | LCD                        | HQ24602990     | HQ24602990        |
| EG01 | Speaker                    | QK00452010     | QK00452010        |
| ---- | (plastic) Accessory cable  | ZD00600110     | ZD00600110        |
| ---- | DSC button cover           | 02AX053040     | 02AX053040        |
| ---- | Mic rear case (white)      | 413X064540     | 413X064540        |
| ---- | Mic rear case (black)      | 413X064560     | 413X064560        |
|      | Dust Cover                 | 444X053070     | 444X053070        |
|      | PTT Cover                  | S8002031       | S8002031          |
|      | Mounting Bracket (White)   | 444X160030     | 444X160030        |
|      | Mounting Bracket (Black)   | 444X160130     | 444X160130        |
|      | Mounting knobs (White)     | 444X154030     | 444X154030        |
|      | Mounting knobs (Black)     | 444X154130     | 444X154130        |
|      | Volume Control Knob        | S8400743       | S8400743          |
|      | Squelch Control Knob       | S8400743       | S8400743          |
|      | Owners Manual              | EY280N100      | EY280N100         |
|      | Service Manual             | EY280N90A (CD) | EY280N900 (Paper) |
|      | Microphone white (CMP351W) | MP51000400     | MP51000400        |
|      | Microphone Black (CMP351B) | MP51000410     | MP51000410        |
|      |                            |                |                   |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      | 10' Ram mic extension cable   | CAW23       | AY007X001  |
|      | Ram mic White                 | CMP23W      | AY027X002  |
|      | Ram mic Black                 | CMP23B      | AY027X001  |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |



**Spectrum- GX2350S**

| Ref. | Description                | Part Number    | SAP number        |
|------|----------------------------|----------------|-------------------|
| QT04 | Final amp                  | HC10044200     | HC10044200        |
| RL51 | Vol. pot.                  | RB12030360     | RB12030360        |
| RL50 | Sq. Pot.                   | RB02030010     | RB02030010        |
| QL04 | LCD                        | HQ24601990     | HQ24601990        |
| SL01 | Channel selector           | SR01010030     | SR01010030        |
| 004B | Keypad                     | 443X270010     | 443X270010        |
| 020B | DSC button cover           | 444X053012     | 444X053012        |
| EG01 | Speaker                    | QK00452010     | QK00452010        |
| Z002 | Power extension cable      | ZC01300010     | ZC01300010        |
| Z001 | (metal) Accessory cable    | ZD00700010     | ZD00700010        |
|      | (plastic) accessory cable  | ZD00600090     | ZD00600090        |
| ---- | Mic hanger (white)         | 277X155020     | 277X155020        |
| ---- | Mic hanger (black)         | 277X155120     | 277X155120        |
| ---- | Mic rear case (white)      | 413X064540     | 413X064540        |
| ---- | Mic rear case (black)      | 413X064560     | 413X064560        |
| 0003 | Rear case (white)          | 438B064420     | 438B064420        |
| 0003 | Rear case (black)          | 438B064430     | 438B064430        |
|      | Dust Cover                 | 03AX053010     | 03AX053010        |
|      | PTT Cover                  | S8002031       | S8002031          |
|      | Mounting Bracket (White)   | 444X160030     | 444X160030        |
|      | Mounting Bracket (Black)   | 444X160130     | 444X160130        |
|      | Mounting knobs (White)     | 444X154030     | 444X154030        |
|      | Mounting knobs (Black)     | 444X154130     | 444X154130        |
|      | Volume Control Knob        | 438B154400     | 438B154400        |
|      | Squelch Control Knob       | 438B154400     | 438B154400        |
|      | Owners Manual              | 438B851010     | 438B851010        |
|      | Service Manual             | EY075N90A (CD) | EY075N900 (Paper) |
|      | Microphone white (CMP351W) | MP51000400     | MP51000400        |
|      | Microphone Black (CMP351B) | MP51000410     | MP51000410        |
|      |                            |                |                   |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      | 10' Ram mic extension cable   | CAW23       | AY007X001  |
|      | 20 watt PA horn               | 220SW       | XUTJJ0004  |
|      | 40 watt PA horn               | 240SW       | XUTJJ0005  |
|      | Ram mic White                 | CMP23W      | AY027X002  |
|      | Ram mic Black                 | CMP23B      | AY027X001  |
|      | Scrambler Board               | CVS240      | AY054X001  |
|      |                               |             |            |
|      |                               |             |            |

**Spectrum+- GX2355S**

| Ref. | Description                | Part Number    | SAP number        |
|------|----------------------------|----------------|-------------------|
| QT04 | Final amp (M57710-A)       | HC10044200     | HC10044200        |
| RL51 | Vol. pot.                  | RB12030360     | RB12030360        |
| RL50 | Sq. Pot.                   | RB02030010     | RB02030010        |
| ZZ01 | VCO assembly               | ZZ444X0010     | ZZ444X0010        |
| QL04 | LCD                        | HQ24601990     | HQ24601990        |
| SL01 | Channel selector           | SR01010030     | SR01010030        |
| 004B | Keypad                     | 443X270010     | 443X270010        |
| 082B | Distress button cover      | 02AX053040     | 02AX053040        |
| EG01 | Speaker                    | QK00452010     | QK00452010        |
| Z002 | Power extension cable      | ZC01300010     | ZC01300010        |
| Z001 | (plastic) Accessory cable  | ZD00600090     | ZD00600090        |
| ---- | Mic hanger (white)         | 277X155020     | 277X155020        |
| ---- | Mic hanger (black)         | 277X155120     | 277X155120        |
| ---- | Mic rear case (white)      | 413X064540     | 413X064540        |
| ---- | Mic rear case (black)      | 413X064560     | 413X064560        |
| 0003 | Rear case (white)          | 438B064420     | 438B064420        |
| 0003 | Rear case (black)          | 438B064430     | 438B064430        |
|      | Mic element                | MS500015AR     | MS500015AR        |
|      | PTT Cover                  | S8002031       | S8002031          |
|      | Dust Cover                 | 03AX053010     | 03AX053010        |
|      | Mounting Bracket (White)   | 444X160030     | 444X160030        |
|      | Mounting Bracket (Black)   | 444X160130     | 444X160130        |
|      | Mounting knobs (White)     | 444X154030     | 444X154030        |
|      | Mounting knobs (Black)     | 444X154130     | 444X154130        |
|      | Volume Control Knob        | 438B154400     | 438B154400        |
|      | Squelch Control Knob       | 438B154400     | 438B154400        |
|      | Owners Manual              | EY281N100      | EY281N100         |
|      | Service Manual             | EY281N90A (CD) | EY281N900 (Paper) |
|      | Microphone white (CMP351W) | MP51000400     | MP51000400        |
|      | Microphone Black (CMP351B) | MP51000410     | MP51000410        |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | CMB16       | AY021X001  |
|      | 10' Ram mic extension cable   | CAW23       | AY007X001  |
|      | 20 watt PA horn               | 220SW       | XUTJJ0004  |
|      | 40 watt PA horn               | 240SW       | XUTJJ0005  |
|      | Ram mic White                 | CMP23W      | AY027X002  |
|      | Ram mic Black                 | CMP23B      | AY027X001  |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |

**Quest- GX1255S**

| <b>Ref.</b> | <b>Description</b>               | <b>Part Number</b> | <b>SAP number</b> |
|-------------|----------------------------------|--------------------|-------------------|
| VR3001      | Vol. Pot                         | J60800262          | J60800262         |
| VR3002      | Sq. pot                          | J60800261          | J60800261         |
|             | Front panel assy (whit) with Mic | RA0419000          | RA0419000         |
|             | Front panel assy (blk) with Mic  | RA0457900          | RA0457900         |
|             | Rear case (white)                | RA0422500          | RA0422500         |
|             | Rear case (black)                | RA0458700          | RA0458700         |
|             | Wire assy                        | T9207012A          | T9207012A         |
|             | Rubber packing front             | RA0422700          | RA0422700         |
|             | Final Amp                        | RA35H1516M         | RA35H1516M        |
|             | PTT Cover                        | S8002031           | S8002031          |
|             | Mounting Bracket (White)         | RA0448900          | RA0448900         |
|             | Mounting Bracket (Black)         | RA0459200          | RA0459200         |
|             | Mounting knobs (White)           | RA043770A          | RA043770A         |
|             | Mounting knobs (Black)           | RA045910A          | RA045910A         |
|             | Volume Knob                      | RA0422200          | RA0422200         |
|             | Squelch Knob                     | RA0422200          | RA0422200         |
|             | Owners Manual                    | EM001N200          | EM001N200         |
|             | Service Manual                   | EM001N90A          | EM001N90A         |
|             | Power cord                       | ZC01300010         | ZC01300010        |
|             | Exp. Programming cable 1         | CT-94              | AAD09X001         |
|             | Exp. Programming cable 2         | CT-29              | A08190001         |
|             |                                  |                    |                   |
|             |                                  |                    |                   |
|             |                                  |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>            | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------------|--------------------|-------------------|
|             | Miniature Audio Speaker White | 101W               | XUZZZ0586         |
|             | Large Speaker white amplified | MLS-310W           | AAD99X001         |
|             | Large Speaker white           | MLS-300W           | AAE31X001         |
|             | Large Speaker Black amplified | MLS-310B           | AAD99X002         |
|             | Large Speaker Black           | MLS-300B           | AAE31X002         |
|             | Flush Mount Kit               | MMB-84             | AAD43X001         |
|             |                               |                    |                   |
|             |                               |                    |                   |
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|             |                               |                    |                   |

**Quest+- GX1256S**

| Ref. | Description                        | Part Number | SAP number |
|------|------------------------------------|-------------|------------|
|      | Front panel Assy Wht(Mic) with Mic | RA0563200   | RA0563200  |
|      | Front panel Assy Blk(Mic) with Mic | RA0581500   | RA0581500  |
|      | DSC Cover Assy                     | R0419700    | R0419700   |
|      | Owners Manual                      | EM005N100   | EM005N100  |
|      | Service Manual                     | EM005N90A   | EM005N90A  |
|      | Mounting Bracket (WHT)             | RA0448900   | RA0448900  |
|      | Mounting Bracket (BLK)             | RA0459200   | RA0459200  |
|      | Mounting Knobs (WHT)               | RA043770A   | RA043770A  |
|      | Mounting Knobs (BLK)               | RA045910A   | RA045910A  |
|      | Volume Knob                        | RA0422200   | RA0422200  |
|      | Squelch Knob                       | RA0422200   | RA0422200  |
|      | Rear Case (white)                  | RA042250A   | RA042250A  |
|      | Rear Case (black)                  | RA045870A   | RA045870A  |
|      | Wire Assy.                         | T9207081    | T9207081   |
|      | Rubber Packing front               | RA0422700   | RA0422700  |
|      | Final Amp                          | G1093695    | G1093695   |
|      | Dust Cover                         | RA0437900   | RA0437900  |
|      | Vol. Pot                           | J60800274   | J60800274  |
|      | SQL. Pot                           | J60800261   | J60800261  |
|      | LCD                                | G6090148A   | G6090148A  |
|      | Power cord                         | ZC01300010  | ZC01300010 |
|      | Expansion channel software         | CE69        |            |
|      | Exp. Programming cable 1           | CT-99       | AAD42X001  |
|      | Exp. Programming cable 2           | CT-62       | A13860001  |
|      |                                    |             |            |
|      |                                    |             |            |
|      |                                    |             |            |
|      |                                    |             |            |
|      |                                    |             |            |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | MMB-84      | AAD43X001  |
|      | 23' RAM+ extension cable      | CT-100      | AAD44X001  |
|      | Ram+ White                    | CMP25W      | AAD20X001  |
|      | Ram+ Black                    | CMP25B      | AAD20X002  |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |

**Quest X- GX1500S**

| Ref. | Description                        | Part Number | SAP number |
|------|------------------------------------|-------------|------------|
|      | Front panel Assy Wht(Mic) with Mic |             |            |
|      | Front panel Assy Blk(Mic) with Mic |             |            |
|      | DSC Cover Assy                     |             | CP8538001  |
|      | Owners Manual                      |             | EM017N100  |
|      | Service Manual                     |             | MMGX1500U  |
|      | Mounting Bracket (WHT)             | RA0784100   | RA0784100  |
|      | Mounting Bracket (BLK)             | RA0784000   | RA0784000  |
|      | Mounting Knobs (WHT)               | RA043770A   | RA043770A  |
|      | Mounting Knobs (BLK)               | RA045910A   | RA045910A  |
|      | Volume Knob (white)                | RA0763500   | RA0763500  |
|      | Volume Knob (black)                | RA0757600   | RA0757600  |
|      | Squelch Knob (white)               | RA0763500   | RA0763500  |
|      | Squelch Knob (black)               | RA0757600   | RA0757600  |
|      | Rotary Channel Knob (white)        | RA0763600   | RA0763600  |
|      | Rotary Channel Knob (black)        | RA0757700   | RA0757700  |
|      | Rear Case (white)                  |             | RA0757400  |
|      | Rear Case (black)                  |             | RA0758400  |
|      | Wire Assy.                         |             | T9207265A  |
|      | RAM+ plastic cap                   |             | S8000422   |
|      | Rubber Packing front               |             | RA0756700  |
|      | Final Amp                          |             | G1094216   |
|      | Dust Cover                         | RA0777900   | RA0777900  |
|      | Vol. Pot                           |             |            |
|      | SQL. Pot                           |             |            |
|      | LCD                                |             |            |
|      | Power cord                         | T9023306    | T9023306   |
|      | Microphone Hanger White            | RA0436000   | RA0436000  |
|      | Microphone Hanger Black            | RA0458800   | RA0458800  |
|      | RAM+ & VH-310 23' routing cable    | S8101512    | S8101512   |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | MMB-84      | AAD43X001  |
|      | 23' RAM+ extension cable      | CT-100      | AAD44X001  |
|      | Ram+ White                    | CMP25W      | AAD20X001  |
|      | Ram+ Black                    | CMP25B      | AAD20X002  |
|      | Telephone Style remote mic    | VH-310      | AAD98X001  |
|      | PC Programming cable 1        | CT-29       | A08190001  |
|      | PC Programming cable 2        | CT-94       | AAD09X001  |
|      |                               |             |            |
|      |                               |             |            |

**Matrix- GX1280S**

| <b>Ref.</b> | <b>Description</b>               | <b>Part Number</b> | <b>SAP number</b> |
|-------------|----------------------------------|--------------------|-------------------|
|             | Power Cord                       | T9023306           | T9023306          |
|             | Dust Cover                       | RA516700           | RA516700          |
|             | VOL Knob                         | RA0422200          | RA0422200         |
|             | Squelch Knob                     | RA0422200          | RA0422200         |
|             | Channel Knob                     | RA0491800          | RA0491800         |
|             | Mounting Bracket (White)         | RA0516800          | RA0516800         |
|             | Mounting Bracket Knob (White)    | RA043770A          | RA043770A         |
|             | Mounting Bracket (Black)         | RA0520100          | RA0520100         |
|             | Mounting Bracket Knob (Black)    | RA045910A          | RA045910A         |
|             | Microphone Hanger (White)        | RA0436000          | RA0436000         |
|             | Microphone Hanger (Black)        | RA0458800          | RA0458800         |
|             | Rear Case (White)                | RA0493300          | RA0493300         |
|             | Rear Case (Black)                | RA0519900          | RA0519900         |
|             | Wire Assembly                    | T9207045           | T9207045          |
|             | DSC distress cover Assy          | RA0419700          | RA0419700         |
|             | Rear Mic case assy (white)       | RA0494200          | RA0494200         |
|             | Rear mic case assy (black)       | RA0519500          | RA0519500         |
|             | Owners Manual                    | EM003N100          | EM003N100         |
|             | Service Manual                   | EM003N90A (CD)     | EM003N90A (CD)    |
|             | Microphone white                 | RA0494200          | RA0494200         |
|             | Microphone Black                 | RA0519500          | RA0519500         |
|             | Expansion channel software       | CE62               |                   |
|             | Exp. Channel programming cable 1 | AAD42X001          | AAD42X001         |
|             | Exp. Channel programming cable 2 | A13860001          | A13860001         |
|             | RAM+ & VH-310 23' routing cable  | S8101512           | S8101512          |
|             |                                  |                    |                   |
|             |                                  |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>            | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------------|--------------------|-------------------|
|             | Miniature Audio Speaker White | 101W               | XUZZZ0586         |
|             | Large Speaker white amplified | MLS-310W           | AAD99X001         |
|             | Large Speaker white           | MLS-300W           | AAE31X001         |
|             | Large Speaker Black amplified | MLS-310B           | AAD99X002         |
|             | Large Speaker Black           | MLS-300B           | AAE31X002         |
|             | Flush Mount Kit               | MMB-84             | AAD43X001         |
|             | 23' RAM+ extension cable      | CT-100             | AAD44X001         |
|             | Ram+ White                    | CMP25W             | AAD20X001         |
|             | Ram+ Black                    | CMP25B             | AAD20X002         |
|             | Scrambler Board               | CVS2500            | AY282X001         |
|             |                               |                    |                   |
|             |                               |                    |                   |
|             |                               |                    |                   |

**Matrix- GX3000S**

| Ref. | Description                      | Part Number | SAP number |
|------|----------------------------------|-------------|------------|
|      | Front panel Assy w/speaker WHITE |             | CS1872001  |
|      | Front panel Assy w/speaker BLACK |             | CS1872002  |
|      | DSC Cover Assy                   |             | CP8483001  |
|      | Owners Manual                    |             | EM014N101  |
|      | Service Manual CD                |             | EM014N90A  |
|      | Mounting Bracket (BLACK)         |             | RA0773200  |
|      | Mounting Bracket (WHITE)         |             | RA0773100  |
|      | Mounting Knobs (BLACK)           |             | RA045910A  |
|      | Mounting Knobs (WHITE)           |             | RA043770A  |
|      | Volume Knob (BLACK)              |             | RA0771400  |
|      | Volume Knob (WHITE)              |             | RA0771300  |
|      | Squelch Knob (BLACK)             |             | RA0771400  |
|      | Squelch Knob (WHITE)             |             | RA0771300  |
|      | Rotary Channel Knob (BLACK)      |             | RA0771600  |
|      | Rotary Channel Knob (WHITE)      |             | RA0771500  |
|      | Rear Case (BLACK)                |             | RA0773000  |
|      | Rear Case (WHITE)                |             | RA0772900  |
|      | Wire Assy.                       |             | T9207280A  |
|      | Rubber Packing front             |             | RA0773300  |
|      | Final Amp                        |             | G1093695   |
|      | Channel selector Pot.            |             |            |
|      | Vol. Pot                         |             | J60800290  |
|      | SQL. Pot                         |             | J60800261  |
|      | LCD                              |             | G6090150   |
|      | Power cord                       | T9023306    | T9023306   |
|      | Microphone Hanger White          | RA0436000   | RA0436000  |
|      | Microphone Hanger Black          | RA0458800   | RA0458800  |
|      | RAM+ & VH-310 23' routing cable  | S8101512    | S8101512   |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Miniature Audio Speaker Black | 101B        | XUZZZ0585  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | MMB-84      | AAD43X001  |
|      | 23' RAM+ extension cable      | CT-100      | AAD44X001  |
|      | Ram+ White                    | CMP25W      | AAD20X001  |
|      | Ram+ Black                    | CMP25B      | AAD20X002  |
|      | Telephone Style remote mic    | VH-310      | AAD98X001  |
|      | PC Programming cable 1        | CT-29       | A08190001  |
|      | PC Programming cable 2        | CT-94       | AAD09X001  |
|      | 20 watt PA horn               | 220SW       | XUTJJ0004  |
|      | 40 watt PA horn               | 240SW       | XUTJJ0005  |

**Quantum- GX2360S**

| Ref. | Description                      | Part Number    | SAP number     |
|------|----------------------------------|----------------|----------------|
|      | Power Cord                       | T9023306       | T9023306       |
|      | VOL/SQL Knob                     | RA0542600      | RA0542600      |
|      | Rotary Channel Knob              | RA0542500      | RA0542500      |
|      | Mounting Bracket                 | RA0544200      | RA0544200      |
|      | Mounting Bracket Knob            | RA045910A      | RA045910A      |
|      | Microphone Hanger                | RA0458800      | RA0458800      |
|      | Owners Manual                    | EM004N200      | EM004N200      |
|      | Service Manual                   | EM004N90A (CD) | EM004N90A (CD) |
|      | Microphone Black                 | M3090118       | M3090118       |
|      | Internal Speaker                 | M4090163       | M4090163       |
|      | Expansion channel software       | CE62           |                |
|      | Exp. Channel programming cable 1 | AAD42X001      | AAD42X001      |
|      | Exp. Channel programming cable 2 | A13860001      | A13860001      |
|      | Vol. Pot                         | J60800271      | J60800271      |
|      | Sql. Pot                         | J60800270      | J60800270      |
|      | Channel selector Pot             | Q9000809       | Q9000809       |
|      | Front Panel Assy w. speaker      | RA0541600      | RA0541600      |
|      | DSC distress cover assy          | RA0541900      | RA0541900      |
|      | RAM+ & VH-310 23' routing cable  | S8101512       | S8101512       |
|      |                                  |                |                |
|      |                                  |                |                |
|      |                                  |                |                |
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|      |                                  |                |                |
|      |                                  |                |                |

**Accessories**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
|      | Miniature Audio Speaker White | 101W        | XUZZZ0586  |
|      | Miniature Audio Speaker Black | 101B        | XUZZZ0585  |
|      | Large Speaker white amplified | MLS-310W    | AAD99X001  |
|      | Large Speaker white           | MLS-300W    | AAE31X001  |
|      | Large Speaker Black amplified | MLS-310B    | AAD99X002  |
|      | Large Speaker Black           | MLS-300B    | AAE31X002  |
|      | Flush Mount Kit               | MMB-84      | AAD43X001  |
|      | 23' RAM+ extension cable      | CT-100      | AAD44X001  |
|      | 20 watt PA horn               | 220SW       | XUTJJ0004  |
|      | 40 watt PA horn               | 240SW       | XUTJJ0005  |
|      | Ram+ White                    | CMP25W      | AAD20X001  |
|      | Ram+ Black                    | CMP25B      | AAD20X002  |
|      | Scrambler Board               | CVS2500     | AY282X001  |
|      |                               |             |            |
|      |                               |             |            |











**HX220S**

| <b>Ref.</b> | <b>Description</b>   | <b>Part Number</b> | <b>SAP number</b> |
|-------------|----------------------|--------------------|-------------------|
| PM01        | Display PCB assy.    | ZZ028X0010         | ZZ028X0010        |
| PV01        | VCO assembly         | ZZ431C3010         | ZZ431C3010        |
| B201        | Lithium battery      | ZB0903001R         | ZB0903001R        |
| 020B        | Rear case gasket     | 028X277020         | 028X277020        |
| 001B        | Rear case            | 028X064010         | 028X064010        |
| 002B        | Front case           | 028X064020         | 028X064020        |
| 008B        | Rubber keypad        | 028X270020         | 028X270020        |
| R205        | Vol. pot.            | RB1103012R         | RB1103012R        |
| R221        | Sq. pot.             | RB02030220         | RB02030220        |
| E102        | Mic element          | MS50000100         | MS50000100        |
| F101        | Fuse (HX220AS)       | FS20300920         | FS20300920        |
| Q113        | LCD                  | KZ0500100R         | KZ0500100R        |
| 024B        | PTT rubber cover     | 028X270010         | 028X270010        |
| J301        | Antenna jack         | YJ1000237R         | YJ1000237R        |
| J302        | Mic jack             | YJ01002400         | YJ01002400        |
| J303        | Speaker jack         | YJ01001840         | YJ01001840        |
| E101        | Speaker              | QK0040001R         | QK0040001R        |
| 037B        | Cover, speaker / mic | 028X067010         | 028X067010        |
|             | Owners Manual        | 201X851010         | 201X851010        |
|             | Service Manual       | XUZZZ0336          | XUZZZ0336         |
|             |                      |                    |                   |
|             |                      |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>      | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-------------------------|--------------------|-------------------|
|             | NiCad Battery           | CNB6               | AY046X002         |
|             | Replacement Antenna     | CAT154             | AY002X001         |
|             | 110v Charger            | CWC25              | AY103X001         |
|             | 110v/220v Rapid Charger | CSA20              | AY088X001         |
|             | Speaker Microphone      | CMP111U            | AY025X001         |
|             | Headset with PTT        | CHP111U            | AY015X001         |
|             |                         |                    |                   |
|             |                         |                    |                   |
|             |                         |                    |                   |
|             |                         |                    |                   |
|             |                         |                    |                   |
|             |                         |                    |                   |
|             |                         |                    |                   |
|             |                         |                    |                   |

**HX230S**

| Ref. | Description                   | Part Number | SAP number |
|------|-------------------------------|-------------|------------|
| P601 | Display board assembly        | ZZ484C2314  | ZZ484C2314 |
| Q602 | LCD                           | HQ20400300  | HQ20400300 |
| Z201 | Lithium                       | ZB09090010  | ZB09090010 |
| 011S | Belt clip                     | 484C258012  | 484C258012 |
| 008S | Screw for belt clip           | 51102604S0  | 51102604S0 |
| 012S | Lanyard                       | 458C156040  | 458C156040 |
| 048B | Spkr/Mic cover                | 484C067020  | 484C067020 |
| 049B | Screw for speaker / mic cover | 484C010010  | 484C010010 |
| 005B | Rubber keypad                 | 484C270010  | 484C270010 |
|      | Antenna                       | CAT230      | AY083X001  |
| J701 | Antenna connector             | YJ10003120  | YJ10003120 |
| 034B | Rear case gasket              | 484C277012  | 484C277012 |
| 001B | Front case                    | 484C064520  | 484C064520 |
| 031B | Rear case                     | 484C064026  | 484C064026 |
| N701 | Microphone                    | MS50000150  | MS50000150 |
| R702 | Vol. pot.                     | RB12030220  | RB12030220 |
| R701 | Sql. pot.                     | RB02030310  | RB02030310 |
|      | Volume Knob                   | 484C154010  | 484C154010 |
|      | Squelch Knob                  | 484C154010  | 484C154010 |
|      | Owners Manual                 | XUPEX0001   | XUPEX0001  |
|      | Service Manual                | MMHX230S    | MMHX230S   |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |
|      |                               |             |            |

**Accessories**

| Ref. | Description              | Part Number | SAP number |
|------|--------------------------|-------------|------------|
|      | Scrambler Board          | CVS240      | AY054X001  |
|      | NiCad Battery            | CNB230      | AY036X001  |
|      | 3' Antenna Adapter cable | CAW230      | AY008X001  |
|      | Replacement Antenna      | CAT230      | AY083X001  |
|      | 12v Power Cord           | CMC230AB    | AY022X001  |
|      | 12v Charger              | CAW240      | AY143X001  |
|      | 110v Wall Charger        | CWC230A     | AC12014010 |
|      | 110/220v Wall Charger    | CWC232      | AY056X001  |
|      | 220v Rapid Charger       | CSA240AB    | AY089X001  |
|      | 110V Rapid Charger       | CSA280      | AY050X001  |
|      | Speaker Mic              | CMP240      | AY028X001  |
|      | Miniature Speaker Mic    | CMP241      | AY029X001  |
|      | Tie clip mic with earbud | CMP242      | AY030X001  |
|      | Headset with PTT and VOX | CHP230      | AY016X001  |
|      | Headset with PTT         | CHP111U     | AY015X001  |

**HX250S**

| <b>Ref.</b> | <b>Description</b>   | <b>Part Number</b> | <b>SAP number</b> |
|-------------|----------------------|--------------------|-------------------|
| P601        | Display board. Assy. | ZZ238B2010         | ZZ238B2010        |
| 011S        | Belt clip            | 484C258010         | 484C258010        |
| 008S        | Screw for belt clip  | 51102604U0         | 51102604U0        |
| 012S        | Lanyard              | 458C156030         | 458C156030        |
|             | Antenna              | YR99014050         | YR99014050        |
| J701        | Antenna connector    | YJ10003120         | YJ10003120        |
| E701        | Speaker              | QK00362060         | QK00362060        |
| R231        | Vol. pot             | RB12030320         | RB12030320        |
| R208        | Sq. pot.             | RB01030480         | RB01030480        |
| 001B        | Front case (HX250S)  | 238B064510         | 238B064510        |
| N701        | Microphone           | MS50000150         | MS50000150        |
| W002        | PCB interconnect     | WE238B1000         | WE238B1000        |
|             | Volume Knob          | 238B154510         | 238B154510        |
|             | Squelch Knob         | 238B154510         | 238B154510        |
|             | Owners Manual        | 238B851010         | 238B851010        |
|             | Service Manual       | MMHX250S           | MMHX250S          |
|             |                      |                    |                   |
|             |                      |                    |                   |
|             |                      |                    |                   |
|             |                      |                    |                   |
|             |                      |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>       | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------------|--------------------|-------------------|
|             | NiCad Battery            | CNB250A            | AY041X001         |
|             | Alkaline Battery Tray    | CBT350             | AY014X001         |
|             | 3' Antenna Adapter cable | CAW230             | AY008X001         |
|             | Replacement Antenna      | CAT250             | CAT250            |
|             | 12v Charger              | CAW240             | AY143X001         |
|             | 110v Wall Charger        | CWC230A            | AC12014010        |
|             | Charging Bucket          | CCA250             | AY086X001         |
|             | 110/220v Wall Charger    | CWC232             | AY056X001         |
|             | 220v Rapid Charger       | CSA240AB           | AY089X001         |
|             | 110V Rapid Charger       | CSA280             | AY050X001         |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |





**HX260S**

| <b>Ref.</b> | <b>Description</b>     | <b>Part Number</b> | <b>SAP number</b> |
|-------------|------------------------|--------------------|-------------------|
| Y001        | Antenna                | CAT350             | YR99014070        |
| 001B        | Front case             | 451X064010         | 451X064010        |
| 046B        | Keypad                 | 451X270020         | 451X270020        |
| EA01        | Speaker                | QK00362060         | QK00362060        |
| 021B        | Right side rubber trim | 451X063030         | 451X063030        |
| 022B        | Rt side trim adhesive  | 451X122040         | 451X122040        |
| NA01        | Microphone             | MS50000340         | MS50000340        |
| PB01        | Vol. Board assy.       | WG451X1020         | WG451X1020        |
| RB01        | Vol. Pot.              | RB12030350         | RB12030350        |
| JT01        | Antenna jack           | YJ10004470         | YJ10004470        |
| 131B        | Belt clip              | 365B258020         | 365B258020        |
| 016B        | Left side rubber trim  | 451X063020         | 451X063020        |
| 017B        | Lft side trim adhesive | 451X122030         | 451X122030        |
| QL03        | LCD                    | HQ20201530         | HQ20201530        |
| 011B        | Rubber PTT button      | 451X270010         | 451X270010        |
| - - - -     | Battery jack cover     | 451X067210         | 451X067210        |
|             | Charging jack cover    | 451X067210         | 451X067210        |
|             | Volume Knob            | 451X154410         | 451X154410        |
|             | Owners Manual          | 470B851010         | 470B851010        |
|             | Service Manual         | EY116N900          | EY116N900         |
|             |                        |                    |                   |
|             |                        |                    |                   |
|             |                        |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>       | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------------|--------------------|-------------------|
|             | NiCad Battery Pack       | CNB260             | AY119X001         |
|             | Alkaline Battery Tray    | CBT260             | AY142X001         |
|             | 3' Antenna Adapter Cable | CAW350             | AY105X001         |
|             | Replacement Antenna      | CAT250             | CAT250            |
|             | 12v Charging Cable       | CMC240             | AY113X001         |
|             | 110v Wall Charger        | CWC231             | AY055X001         |
|             | 110v Wall Charger        | CWC260             | AC10012010        |
|             | 220v Wall Charger        | CWC150K            | AY056X001         |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |



**HX350S**

| <b>Ref.</b> | <b>Description</b>        | <b>Part Number</b> | <b>SAP number</b> |
|-------------|---------------------------|--------------------|-------------------|
| JA01        | Speaker/mic jack          | YJ07014760         | YJ07014760        |
| 020B        | Top case assy. W/jack     | 406B053400         | 406B053400        |
| 001B        | Case assembly             | 406B064400         | 406B064400        |
| EA01        | Speaker                   | QK00362060         | QK00362060        |
|             | Improved Spkr/Mic flange  | 406B067010         | 406B067010        |
| RA10        | Vol. pot.                 | RB12030350         | RB12030350        |
| RA09        | Sq. pot.                  | RB01030510         | RB01030510        |
| JT01        | Antenna jack              | YJ10004470         | YJ10004470        |
| Y001        | Antenna                   | YR99014070         | YR99014070        |
| 062B        | Belt clip                 | 243B155010         | 243B155010        |
| 063B        | Screws for belt clip      | 51102605E0         | 51102605E0        |
| QL03        | LCD                       | HQ20201980         | HQ20201980        |
| 007B        | Keypad                    | 406B270010         | 406B270010        |
| 010B        | Rubber PTT button cover   | 406B270020         | 406B270020        |
| 024B        | Spkr./mic. jack cover     | 406B067020         | 406B067020        |
| 025B        | Screw for spk./mic. cover | 406B010020         | 406B010020        |
| QT04        | Final amp.                | HC10124010         | HC10124010        |
|             | Volume Knob               | 406B154010         | 406B154010        |
|             | Squelch Knob              | 406B154010         | 406B154010        |
|             | Owners Manual             | 406B851010         | 406B851010        |
|             | Service Manual            | EY067N900          | EY067N900         |
|             |                           |                    |                   |
|             |                           |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b>           | <b>Part Number</b> | <b>SAP number</b> |
|-------------|------------------------------|--------------------|-------------------|
|             | NiCad Battery Pack           | CNB350             | AY042X002         |
|             | Alkaline Battery Tray        | CBT350             | AY014X001         |
|             | 3' Antenna Adapter Cable     | CAW350             | AY105X001         |
|             | Replacement Antenna          | CAT350             | CAT350            |
|             | 12v Charger                  | CAW240             | AY143X001         |
|             | 110v Wall Charger            | CWC230A            | AC12014010        |
|             | Charging Bucket              | CCA250             | AY086X001         |
|             | 110/220v Wall Charger        | CWC232             | AY056X001         |
|             | 220v Rapid Charger           | CSA240AB           | AY089X001         |
|             | 110V Rapid Charger           | CSA280             | AY050X001         |
|             | Speaker Microphone           | CMP350             | AY031X001         |
|             | Miniature Speaker Microphone | CMP625             | AY033X001         |
|             |                              |                    |                   |
|             |                              |                    |                   |
|             |                              |                    |                   |



**HX460S**

| Ref.   | Description          | Part Number | SAP number |
|--------|----------------------|-------------|------------|
|        | Quick draw belt clip | RA0296300   | RA0296300  |
|        | Front case (black)   | CP6918001   | CP6918001  |
|        | Front case (silver)  | CP6918002   | CP6918002  |
|        | Keypad               | RA0285300   | RA0285300  |
|        | Case gasket          | RA0285300   | RA0285300  |
|        | Rubber PTT cover     | RA0284800   | RA0284800  |
|        | Lamp button cover    | RA0284900   | RA0284900  |
|        | Mic jack cover       | RA0285000   | RA0285000  |
|        | LCD                  | G6090142    | G6090142   |
|        | Charge jack cover    | RA0285100   | RA0285100  |
| VR4002 | Vol. Pot.            | J60800236   | J60800236  |
| VR4001 | Sq. Pot.             | J60800257   | J60800257  |
| MC1001 | Microphone           | M3290032    | M3290032   |
| J4005  | Microphone jack      | P1091116    | P1091116   |
|        | Antenna jack         | RA020670A   | RA020670A  |
|        | Belt clip lug        | RA0295600   | RA0295600  |
|        | Belt clip lug screw  | U20306020   | U20306020  |
|        | Stubby Ant.          | ATV-6B      | XUCET0020  |
|        | Volume Knob          | RA0291700   | RA0291700  |
|        | Squelch Knob         | RA0291500   | RA0291500  |
|        | Owners Manual        | EC010N102   | EC010N102  |
|        | Service Manual       | EC010N901   | EC010N901  |
|        |                      |             |            |
|        |                      |             |            |

**Accessories**

| Ref. | Description                     | Part Number | SAP number |
|------|---------------------------------|-------------|------------|
|      | Lithium Ion battery pack        | FNB-80LI    | AAC84X001  |
|      | Alkaline Battery Tray           | FBA-23      | A133A0001  |
|      | 3' Antenna Adapter cable        | CAW230      | AY008X001  |
|      | Stubby Antenna                  | ATV-6B      | XUCET0020  |
|      | Replacement antenna             | CAT460      | AY139X001  |
|      | Charging Cradle                 | CD-15       | A13360002  |
|      | 12v Charger                     | E-DC-19     | AAB31X001  |
|      | 12v charger with Cigarette Plug | E-DC-6      | A03730001  |
|      | 110v Wall Charger               | NC-72B      | A13330001  |
|      | 220v Wall Charger               | NC-72C      | A13340001  |
|      | Speaker Microphone              | CMP460      | AAB32X001  |
|      | Miniature Speaker               | MH-57A4B    | AAB95X001  |
|      | Headset with boom mic           | VC-24       | A08310002  |
|      | Barometer Sensor                | SU-1        | A13750001  |
|      | Quick release belt clip         | CLIP-14     | AAC48X001  |

**HX470S**

| Ref. | Description          | Part Number    | SAP number     |
|------|----------------------|----------------|----------------|
|      | Quick draw belt clip | RA0296300      | RA0296300      |
|      | Front case (black)   | CP7574002      | CP7574002      |
|      | Front case (silver)  | CP7574001      | CP7574001      |
|      | Case gasket          | RA0400000      | RA0400000      |
|      | Rubber PTT cover     | RA0400100      | RA0400100      |
|      | Mic jack cover       | RA0399700      | RA0399700      |
|      | LCD                  | Q7000426       | Q7000426       |
|      | DSC Button Cover     | RA0474800      | RA0474800      |
|      | Vol/Sql Pot          | J62800142      | J62800142      |
|      | Belt clip lug        | RA0295600      | RA0295600      |
|      | Belt clip lug screw  | U20306020      | U20306020      |
|      | Antenna              | Q3000189       | Q3000189       |
|      | Vol. Knob            | RA0474200      | RA0474200      |
|      | Sql. Knob            | RA0474100      | RA0474100      |
|      | CD-25 charger cradle | Q7000462       | Q7000462       |
|      | Mic/SP Cover         | RA0399700      | RA0399700      |
|      | Distress Cover       | RA0474800      | RA0474800      |
|      | Volume Knob          | RA0474200      | RA0474200      |
|      | Squelch Ring         | RA0474100      | RA0474100      |
|      | Owners Manual        | EM002N101      | EM002N101      |
|      | Service Manual       | EM002N90A (CD) | EM002N90A (CD) |
|      |                      |                |                |
|      |                      |                |                |
|      |                      |                |                |
|      |                      |                |                |

**Accessories**

| Ref. | Description                     | Part Number | SAP number |
|------|---------------------------------|-------------|------------|
|      | Lithium Ion battery pack        | FNB-80LI    | AAC84X001  |
|      | Alkaline Battery Tray           | FBA-23      | A133A0001  |
|      | Charging Cradle                 | CD-25       | Q7000462   |
|      | 12v Charger                     | E-DC-19     | AAB31X001  |
|      | 12v charger with Cigarette Plug | E-DC-6      | A03730001  |
|      | 110v Wall Charger               | NC-72B      | A13330001  |
|      | 220v Wall Charger               | NC-72C      | A13340001  |
|      | Speaker Microphone              | CMP460      | AAB32X001  |
|      | Miniature Speaker               | MH-57A4B    | AAB95X001  |
|      | Headset with boom mic           | VC-24       | A08310002  |
|      | Earbud with Mic                 | VC-27       | AAC90X001  |
|      | Barometer Sensor                | SU-1        | A13750001  |
|      | Voice Scrambler                 | FVP-31      | AAD17X001  |
|      | Quick release belt clip         | CLIP-14     | AAC48X001  |
|      |                                 |             |            |

**HX471S**

| Ref. | Description          | Part Number    | SAP number     |
|------|----------------------|----------------|----------------|
|      | Quick draw belt clip | RA0296300      | RA0296300      |
|      | Front case (black)   | CP7574002      | CP7574002      |
|      | Front case (silver)  | CP7574001      | CP7574001      |
|      | Case gasket          | RA0400000      | RA0400000      |
|      | Rubber PTT cover     | RA0400100      | RA0400100      |
|      | Mic jack cover       | RA0399700      | RA0399700      |
|      | LCD                  | Q7000426       | Q7000426       |
|      | DSC Button Cover     | RA0474800      | RA0474800      |
|      | Vol/SqI Pot          | J62800142      | J62800142      |
|      | Belt clip lug        | RA0295600      | RA0295600      |
|      | Belt clip lug screw  | U20306020      | U20306020      |
|      | Antenna              | Q3000189       | Q3000189       |
|      | Vol. Knob            | RA0474200      | RA0474200      |
|      | SqI. Knob            | RA0474100      | RA0474100      |
|      | CD-25 charger cradle | Q7000462       | Q7000462       |
|      | Mic/SP Cover         | RA0399700      | RA0399700      |
|      | Distress Cover       | RA0474800      | RA0474800      |
|      | Volume Knob          | RA0474200      | RA0474200      |
|      | Squelch Ring         | RA0474100      | RA0474100      |
|      | Owners Manual        | EM002N150      | EM002N150      |
|      | Service Manual       | EM002N90A (CD) | EM002N90A (CD) |
|      |                      |                |                |
|      |                      |                |                |
|      |                      |                |                |
|      |                      |                |                |

**Accessories**

| Ref. | Description                     | Part Number | SAP number |
|------|---------------------------------|-------------|------------|
|      | Lithium Ion battery pack        | FNB-80LI    | AAC84X001  |
|      | Alkaline Battery Tray           | FBA-23      | A133A0001  |
|      | Charging Cradle                 | CD-25       | Q7000462   |
|      | 12v Charger                     | E-DC-19     | AAB31X001  |
|      | 12v charger with Cigarette Plug | E-DC-6      | A03730001  |
|      | 110v Wall Charger               | NC-72B      | A13330001  |
|      | 220v Wall Charger               | NC-72C      | A13340001  |
|      | Speaker Microphone              | CMP460      | AAB32X001  |
|      | Miniature Speaker               | MH-57A4B    | AAB95X001  |
|      | Headset with boom mic           | VC-24       | A08310002  |
|      | Earbud with Mic                 | VC-27       | AAC90X001  |
|      | Voice Scrambler                 | FVP-31      | AAD17X001  |
|      | Quick release belt clip         | CLIP-14     | AAC48X001  |
|      | Barometer Sensor                | SU-1        | A13750001  |
|      |                                 |             |            |







**LH10-Loudhailer**

| <b>Ref.</b> | <b>Description</b>    | <b>Part Number</b> | <b>SAP number</b> |
|-------------|-----------------------|--------------------|-------------------|
| P301        | Volume Board. assy.   | ZZ421C1330         | ZZ421C1330        |
| F001        | Fuse (8 amp)          | FS10800600         | FS10800600        |
| Z001        | Power cord            | YC01300030         | YC01300030        |
| 018S        | Stainless mic hanger  | 011C155400         | 011C155400        |
|             | Terminal connections  | YL01010210         | YL01010210        |
| 080B        | Rear case             | 419C064020         | 419C064020        |
| 001B        | Front panel           | 421C064410         | 421C064410        |
| E001        | Speaker               | QK00578050         | QK00578050        |
| R301        | Listen pot.           | RD12030160         | RD12030160        |
| R302        | PA/Aux. pot.          | RD12030170         | RD12030170        |
| P201        | Control PCB assy.     | ZZ421C1320         | ZZ421C1320        |
| 009B        | Keypad (small)        | 419C270030         | 419C270030        |
| 010B        | Keypad (large)        | 419C270020         | 419C270020        |
| J104        | Ext. spkr / Aux. Jack | YJ06002650         | YJ06002650        |
|             | Owners Manual         | 421C851010         | 421C851010        |
|             | Service Manual        | XUZZZ0342          | XUZZZ0342         |
|             | Microphone black      | MP11001080         | MP11001080        |
|             | Mounting Bracket      | 407C160020         | 407C160020        |
|             | Mounting Knob         | 414C154030         | 414C154030        |
|             | PA Knob               | 419C154012         | 419C154012        |
|             | Volume Knob           | 419C154022         | 419C154022        |
|             |                       |                    |                   |
|             |                       |                    |                   |
|             |                       |                    |                   |
|             |                       |                    |                   |

**Accessories**

| <b>Ref.</b> | <b>Description</b> | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------|--------------------|-------------------|
|             | 20 watt PA horn    | 220SW              | XUTJJ0004         |
|             | 40 watt PA horn    | 240SW              | XUTJJ0005         |
|             |                    |                    |                   |
|             |                    |                    |                   |
|             |                    |                    |                   |
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**30 series Instruments**

| <b>Ref.</b> | <b>Description</b>       | <b>Part Number</b> | <b>SAP number</b> |
|-------------|--------------------------|--------------------|-------------------|
|             | Gasket, case (black)     | 108009023A         | XUZZZ0604         |
|             | Gasket, case (white)     | 108008023A         | XUZZZ0603         |
|             | Hardware kit (black)     | 602005011A         | XUZZZ0747         |
|             | Hardware kit (white)     | 602004011A         | XUZZZ0746         |
|             | Case rear (black)        | 064018016A         | XUZZZ0576         |
|             | Case rear (white)        | 064019016A         | XUZZZ0577         |
|             | Mounting knob (black)    | 154002016A         | XUNVM0119         |
|             | Mounting knob (white)    | 154001016A         | XUNVM0118         |
|             | Mounting bracket (black) | 160005020A         | XUZZZ0642         |
|             | Mounting bracket (white) | 160003020A         | XUZZZ0639         |
|             | Case front (black)       | 064015016A         | XUZZZ0574         |
|             | Case front (white)       | 064014016A         | XUZZZ0575         |
|             | Rubber washer (white)    | 581003030A         | XUZZZ0733         |
|             | Rubber washer (black)    | 581004030A         | XUZZZ0734         |
|             | Dust cover               | DC30               | XUZZZ0090         |
|             | IC, LM1812               | XUS0001065         | XUZZZ0198         |
|             | Output Transformer       | XUS0002214         | XUZZZ0498         |
|             |                          |                    |                   |
|             |                          |                    |                   |
|             |                          |                    |                   |











## 45 series Instruments

| Ref.             | Description              | Part Number      | SAP number |           |
|------------------|--------------------------|------------------|------------|-----------|
| DS45             | Dust cover               | DC45             | XUNVM0005  |           |
|                  | Gasket, bulkhead         | 108006023A       | XUZZZ0600  |           |
|                  | Mounting nut             | 580010123A       | XUZZZ0731  |           |
|                  | Rear case                | 064013016A       | XUZZZ0572  |           |
|                  | Mounting bracket         | 160002020A       | XUZZZ0636  |           |
|                  | Front case               | M19549001A       | XUNVM0077  |           |
|                  | IC, LM1812               | HC1004002A       | XUZZZ0198  |           |
|                  | LCD                      | IM0002017A       | XUZZZ0768  |           |
| SL45             | Dust cover               | DC45             | XUNVM0005  |           |
|                  | Gasket, bulkhead         | 108006023A       | XUZZZ0600  |           |
|                  | Mounting nut             | 580010123A       | XUZZZ0731  |           |
|                  | Mounting bracket         | 160002020A       | XUZZZ0636  |           |
|                  | Rear case                | M19649001A       | XUZZZ0571  |           |
|                  | Front case               | M19649001A       | XUZZZ0372  |           |
|                  | LCD                      | IM0003017A       | XUZZZ0271  |           |
| WS45             | Power cable              | 250013017A       | XUZZZ0660  |           |
|                  | Gasket, bulkhead         | 108006023A       | XUZZZ0600  |           |
|                  | Mounting bracket         | 160002020A       | XUZZZ0636  |           |
|                  | Allen key                | 070001006A       | XUNVM0108  |           |
|                  | Wind vane Assembly       | M13349003A       | XUNVM0074  |           |
|                  | Tri-cup Assembly         | M13349002A       | XUNVM0073  |           |
|                  | Masthead Assembly        | M13349004A       | XUNVM0075  |           |
|                  | Masthead cable (100 ft.) | M13349005A       | XUNVM0076  |           |
|                  | Junction box             | M13349001A       | XUZZZ0360  |           |
|                  | LCD                      | IM0004017A       | XUZZZ0273  |           |
|                  | Front case               | M19749001A       | XUZZZ0375  |           |
|                  | Rear case                | 064012016A       | XUZZZ0571  |           |
|                  | Mounting nut             | 580010123A       | XUZZZ0731  |           |
|                  | WS45 meter assy.         | M19749003A       | XUZZZ0376  |           |
|                  | Dust cover               | DC45             | XUNVM0005  |           |
|                  | AS45                     | Power cable      | 250013017A | XUZZZ0660 |
|                  |                          | Gasket, bulkhead | 108006023A | XUZZZ0600 |
| Mounting nut     |                          | 580010123A       | XUZZZ0731  |           |
| Mounting bracket |                          | 160002020A       | XUZZZ0636  |           |
| Impeller         |                          | SIA52            | XUNVM0087  |           |
| Dust cover       |                          | DC45             | XUNVM0005  |           |
|                  |                          |                  |            |           |
|                  |                          |                  |            |           |
|                  |                          |                  |            |           |
|                  |                          |                  |            |           |

## 50 series Instruments

| Ref.              | Description              | Part Number | SAP number     |           |
|-------------------|--------------------------|-------------|----------------|-----------|
| DS50              | Hardware kit             | 602002011A  | XUZZZ0745      |           |
|                   | Power cable              | 250005017A  | XUS0003419-NLA |           |
|                   | Gasket, bulkhead         | 108001023A  | XUZZZ0591      |           |
|                   | Gasket, main case        | 108003023A  | XUZZZ0595      |           |
|                   | Front case               | 064001016A  | XUS0003144-NLA |           |
|                   | Rear case                | 064002016A  | XUZZZ0568      |           |
|                   | Output transformer       | TS0001019A  | XUZZZ0498      |           |
|                   | IC, LM1812               | HC1004002A  | XUZZZ0198      |           |
|                   | LCD                      | IM0001017A  | XUS0001367     |           |
|                   | Coil, 200KHz             | LC0001012A  | XUZZZ0298      |           |
|                   | Backlight LED            | HI0001027A  | XUS0001189     |           |
|                   | Dust cover               | DC50        | XUNVM0006      |           |
|                   | SL50                     | Front case  | 064003016A     | XUZZZ0570 |
|                   |                          | Plug        | YP0001040A     | XUZZZ0551 |
| Hardware kit      |                          | 602002011A  | XUZZZ0745      |           |
| Power cable       |                          | 250006017A  | XUZZZ0655      |           |
| Gasket, bulkhead  |                          | 108001023A  | XUZZZ0591      |           |
| Gasket, main case |                          | 108003023A  | XUZZZ0595      |           |
| Rear case         |                          | 064002016A  | XUZZZ0568      |           |
| LCD               |                          | IM0001017A  | XUS0001367     |           |
| Back light LED    |                          | HI0001027A  | XUS0001189     |           |
| Dust Cover        |                          | DC50        | XUNVM0006      |           |
| WS50              | Masthead assy.           | M13349004A  | XUNVM0075      |           |
|                   | Power cable              | 250006017A  | XUZZZ0655      |           |
|                   | Gasket, bulkhead         | 108002023A  | XUZZZ0591      |           |
|                   | LCD                      | IM0004017A  | XUZZZ0273      |           |
|                   | Allen key                | 070001006A  | XUNVM0108      |           |
|                   | Motor, sine/cosine       | 403001007A  | XUZZZ0706      |           |
|                   | Tricup assy.             | M13349002A  | XUNVM0073      |           |
|                   | Wind vane assy.          | M13349003A  | XUNVM0074      |           |
|                   | Front case               | 064021016A  | XUNVM0105      |           |
|                   | Pointer                  | 742001001A  | XUZZZ0750      |           |
|                   | WS50 meter assy.         | M13349007A  | XUS0001724     |           |
|                   | Dust cover               | DC50        | XUNVM0006      |           |
|                   | Hardware kit             | 602006011A  | XUNVM0155      |           |
|                   | Masthead cable (100 ft.) | M13349005A  | XUNVM0076      |           |
|                   | RP50                     | Power cable | 250006017A     | XUZZZ0655 |
| Gasket, bulkhead  |                          | 108002023A  | XUZZZ0591      |           |
| Hardware kit      |                          | 602006011A  | XUNVM0155      |           |
| LCD               |                          | IM0001017A  | XUS0001367     |           |
| Back light LED    |                          | HI0001027A  | XUS0001189     |           |
| Front case        |                          | 064020016A  | XUZZZ0578      |           |
| Rear case         |                          | 064002016A  | XUZZZ0568XUN   |           |

## 100 series Instruments

| Ref.  | Description              | Part Number | SAP number     |
|-------|--------------------------|-------------|----------------|
| DS100 | Dust Cover               | DC100       | XUNVM0003      |
|       | Panel Gasket             | 108013023A  | XUNVM0113      |
|       | Backlight LED            | HI0005027A  | XUNVM0060      |
|       | LCD                      | IM0007017A  | XUZZZ0277      |
|       | Microprocessor           | HU1007004A  | XUNVM0067      |
|       | Transformer              | TS0003019A  | XUS0002219     |
|       | Front case               | 064024016A  | XUZZZ0579      |
|       | Rear case                | 064025016A  | XUS0003178-NLA |
| SL100 | Dust Cover               | DC100       | XUNVM0003      |
|       | Panel Gasket             | 108013023A  | XUNVM0113      |
|       | Backlight, LED           | HI0005027A  | XUNVM0060      |
|       | LCD                      | IM0008017A  | XUZZZ0277      |
|       | Microprocessor           | HU1008004A  | XUS0001288     |
|       | Rear case                | 064025016A  | XUS0003178-NLA |
|       | Front case               | 064026016A  | XUS0003157     |
| MD100 | Dust Cover               | DC100       | XUNVM0003      |
|       | Panel Gasket             | 108013023A  | XUNVM0113      |
|       | Front case               | 064028016A  | 064028016A     |
|       | Rear case                | XUS0003178  | XUS0003178-NLA |
|       | Microprocessor           | HU1009004A  | XUZZZ0262      |
|       | Backlight LED            | HI0005027A  | XUNVM0060      |
|       | LCD                      | IM0010017A  | XUNVM0069      |
| RP100 | Panel Gasket             | 108013023A  | XUNVM0113      |
|       | LCD                      | IM0010017A  | XUNVM0069      |
|       | Backlight LED            | HI0005027A  | XUNVM0060      |
|       | Microprocessor           | HU1010004A  | XUS0001292     |
|       | Front case               | 064029016A  | 064029016A     |
|       | Rear case                | 064025016A  | XUS0003178-NLA |
| WS100 | Dust Cover               | DC100       | XUNVM0003      |
|       | Panel Gasket             | 108013023A  | XUNVM0113      |
|       | Masthead assy.           | M13349004A  | XUNVM0075      |
|       | Tricup assy.             | M13349002A  | XUNVM0073      |
|       | Wind vane assy.          | M13349003A  | XUNVM0074      |
|       | LCD                      | IM0009017A  | XUS0001382     |
|       | Microprocessor           | HU1008004A  | XUS0001288     |
|       | Backlight LED            | HI0005027A  | XUNVM0060      |
|       | Front case               | 064027016A  | 064027016A     |
|       | Rear case                | 064025016A  | XUS0003178-NLA |
|       | Masthead cable (100 ft.) | M13349005A  | XUNVM0076      |
|       |                          |             |                |

## 150 series Instruments

| Ref.           | Description              | Part Number | SAP number     |
|----------------|--------------------------|-------------|----------------|
| MD150          | Dust Cover               | DC150       | XUNVM0003      |
|                | Panel Gasket             | 108013023A  | XUNVM0113      |
|                | Front case               |             | XUZZZ0445      |
|                | Rear case                | 064025016A  | XUS0003178-NLA |
|                | Microprocessor           | HU1009004A  | XUZZZ0262      |
|                | Backlight LED            | HI0005027A  | XUNVM0060      |
|                | LCD                      | IM0010017A  | XUNVM0069      |
| RP150          | Dust Cover               | DC150       | XUNVM0003      |
|                | Panel Gasket             | 108013023A  | XUNVM0113      |
|                | LCD                      | IM0010017A  | XUNVM0069      |
|                | Backlight LED            | HI0005027A  | XUNVM0060      |
|                | Microprocessor           | HU1010004A  | XUS0001292     |
|                | Front case               |             | XUZZZ0444      |
|                | Rear case                | 064025016A  | XUS0003178-NLA |
| WS150          | Dust Cover               | DC150       | XUNVM0003      |
|                | Panel Gasket             | 108013023A  | XUNVM0113      |
|                | Masthead assy.           | M13349004A  | XUNVM0075      |
|                | Tricup assy.             | M13349002A  | XUNVM0073      |
|                | Wind vane assy.          | M13349003A  | XUNVM0074      |
|                | LCD                      | IM0009017A  | XUS0001382     |
|                | Microprocessor           | HU1008004A  | XUS0001288     |
|                | Backlight LED            | HI0005027A  | XUNVM0060      |
|                | Front case               |             | XUZZZ0446      |
|                | Rear case                | 064025016A  | XUS0003178-NLA |
|                | Masthead cable (100 ft.) | M13349005A  | XUNVM0076      |
|                | Display unit (meter)     | XUNVM0159   | XUNVM0159      |
|                | DS150                    | Dust Cover  | DC150          |
| Panel Gasket   |                          | 108013023A  | XUNVM0113      |
| Backlight LED  |                          | HI0005027A  | XUNVM0060      |
| LCD            |                          | IM0007017A  | XUZZZ0277      |
| Microprocessor |                          | HU1007004A  | XUNVM0067      |
| Transformer    |                          | TS0003019A  | XUS0002219     |
| Front case     |                          |             | XUZZZ0449      |
| Rear case      |                          | 064025016A  | XUS0003178-NLA |
| SL150          | Dust Cover               | DC150       | XUNVM0003      |
|                | Panel Gasket             | 108013023A  | XUNVM0113      |
|                | Backlight, LED           | HI0005027A  | XUNVM0060      |
|                | LCD                      | IM0008017A  | XUZZZ0278      |
|                | Microprocessor           | HU1008004A  | XUS0001288     |
|                | Rear case                |             |                |
| Front case     | 064026016A               | XUS0003157  |                |

















































## Radio Accessories (Continued)

| Model Number             | Description                  | Part Number                  | SAP number |
|--------------------------|------------------------------|------------------------------|------------|
| CMP23                    | Large Rubber Boot            | 412X067030                   | 412X067030 |
|                          | Plastic bulkhead fitting     | 412X201010                   | 412X201010 |
|                          | Plastic cap                  | 412X067030                   | 412X067030 |
|                          | 23 ft. cable                 | ZD07000010                   | ZD07000010 |
|                          | Curly cable black            | YB022002AR                   | YB022002AR |
|                          | Curly cable white            | YB022003AR                   | YB022003AR |
|                          | 8 Pin Female connector       | P1090164                     | P1090164   |
|                          | 101 Mini Speaker             | Mounting bracket (white)     | 160003027A |
| Mounting bracket (black) |                              | 160004027A                   | 160004027A |
| CNB350                   | Attachment screw             | 406B010110                   | 406B010110 |
| CBT350                   | Attachment screw             | 406B010210                   | 406B010210 |
| 240SW                    | Mounting bracket             | BRL0085014                   | XUZZZ0045  |
| CMP460                   | Speaker mic cable            | S8101022                     | S8101022   |
| AS101W                   | Speaker grill                | RR1010001W                   | XUTJJ0003  |
| CAW350                   | Cable adapter                | ZY267B9000                   | ZY267B9000 |
| RAM +                    | 23 foot cable                | S8101512                     | S8101512   |
|                          | Bulkhead fitting             | RA0525100                    | RA0525100  |
|                          | Rubber bulkhead fitting cap  | RA0525200                    | RA0525200  |
|                          | CT-100 10FT Extension        | AAD44X001                    | AAD44X001  |
|                          | MLS-310                      | Mounting Bracket White       | RA0636500  |
| Mounting Bracket Black   |                              | RA0636400                    | RA0636400  |
| Mounting Knobs white     |                              | RA043770A                    | RA043770A  |
| Mounting Knobs black     |                              | RA045910A                    | RA045910A  |
| Volume Knob white        |                              | RA0635600                    | RA0635600  |
| Volume Knob black        |                              | RA0652800                    | RA0652800  |
| Mounting Hardware        |                              | U9900147                     | U9900147   |
| MLS-310i                 |                              | (Push To Alert) Button Black | RA0831900  |
|                          | (Push To Alert) Button white | RA0815300                    | RA0815300  |

