### INCLUDED ACCESSORIES AND REPLACEMENT PART NUMBERS

1. 23-Foot Routing Cable (S8101512)
2. Rubber Cap (RA052520A)
3. Mounting Bracket (RA052510) & Screws (U42412020 x 4 pcs)
4. Microphone Hanger (RA458800: Black or RA436000: White) & Screws (U40412220 x 2 pcs)
5. Ferrite Core (L8190182)

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**Declaration of Conformity**

We, YAESU UK LTD., declare under our sole responsibility that the following equipment complies with the essential requirements of the Directive 1999/5/EC.

**Type of Equipment:** Handset

**Model Number:** CMP30

**Manufacturer:** Vertex Standard Co., Ltd.

**Address of Manufacturer:** 4-8-8 Nakameguro Meguro-Ku, Tokyo 153-8644, Japan

**Applicable Standards:**

- EN 301 843-1:2004-06
- EN60950-1:2006
- EN55022:2006
- EN61000-6-2:2006
- EN301 893-1:2003

**Safety Standard:**

- EN61010-1:2006

**The technical documentation as required by the Conformity Assessment procedure is kept at the following address:**

**Company:** YAESU UK LTD.

**Address:** Unit 12, Sun Valley Business Park, Winnall Close, Winchester, Hampshire, SO23 0LB, U.K.

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**Disposal of your Electronic and Electric Equipment**

Products with the symbol (crossed-out wheeled bin) cannot be disposed of as household waste.

Electronic and Electric Equipment should be recycled at a facility capable of handling these items and their waste byproducts.

In EU countries, please contact your local equipment supplier representative or service center for information about the waste collection system in your country.

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**Owner's Manual**

The details of the installation and operation of the RAM3 (CMP30) is included in the owner's manual of the compatible fixed mount radio, or it can be downloaded at www.standardhorizon.com. If you have any questions or comments, please contact Standard Horizon Marine Product Support at 800/767-2450.

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**RAM3 (CMP30) INSTALLATION**

1. Connect the Extension Cable to the 8-pin connector on the transceiver's rear panel, then tighten the Cable Nut (Figure 1).
2. Referring to Figure 2, attach the supplied ferrite core as close as possible to the MIC plug of the Routing Cable and External Speaker Connections, then snap its two halves together. And then, wind some plastic tape around the ferrite core, to prevent vibration from causing the two halves to split apart and fall off the wires.
3. Referring to Figure 3, make a 1.2” (30 mm) hole in the wall, then insert the Extension Cable into this hole. Connect the Gasket and Mount Base to the Extension Cable Connector using the Nut.
4. Drill the four Screw holes (approx. 2 mm) on the wall then install the Mounting Bracket to the wall using four screws.
5. Put the Rubber Cap on to the Nut.
6. The installation is now complete. Connect the REM (CMP30) to the Extension Cable Connector and tighten the Cable Nut.

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**NOTE**

The routing cable can be cut and spliced, however care needs to be taken when reconnecting the wires to ensure water integrity. Before cutting the cable make sure it is not plugged into the radio. After cutting you will notice there are the following wires:

- Yellow, Green, Brown, Purple, Blue, Green, Red, and Shield
- The Red and Shield wires are wrapped in foil. Remove the foil, and separate the Red and Shield wires.
MODE SELECTION

The Mode selection allows the RAM3 (CMP30) to be setup to operate with specific models, refer to the section below for compatibility.

Mode 1: GX1200S, GX1280S, and GX2300S


To use Mode 2 on the GX3500S or VM-3500E the radio software may have to be updated. Please contact Standard Horizon for details.

1. Turn the RAM3 (CMP30) off, press and hold the [ENT] key then press and hold the orange POWER (O) key until the menu is shown.
3. Press the [A] or [Y] key to select the Operation Mode ("Mode 1" or "Mode 2") and press the [ENT] key.
4. Press the [Y] key to select “Save & Exit” and press the [ENT] key.

IMPORTANT NOTE

Mode 2 only allows the RAM3 (CMP30) to define the [Soft] keys and assign / Change the number of selectable soft keys.

LCD SETTING

The RAM3 (CMP30) has the capability to change the LCD contrast by following the instructions below.

1. Press and hold down the [CALL/MENU] key until "RADIO SETUP" menu appears.
2. Press the [CALL/MENU] key, then press the [Y] key until the "CONTRAST" menu appears.
3. Press the [CALL/MENU] key again, then press the [A] or [Y] key to select the desired contrast level.
4. Press the [CALL/MENU] key to store the selected level, then press the [169] key to exit "RADIO SETUP" menu and return to radio operation mode.

Number of Soft Keys:

3 soft keys are set as default. However the RAM3 (CMP30) allows assigning of up to 10 soft keys with the instructions below.

1. Turn the RAM3 (CMP30) off, press and hold the [ENT] key then press and hold the orange POWER (O) key until the menu is shown.
2. Press the [Y] key to select “Number of Soft keys” and press the [ENT] key.
3. Select the number of soft keys (3, 4, 6, 8 or 10) and press the [ENT] key.
4. Press the [Y] key to select "Save & Exit" and press the [ENT] key.

Define [Soft] Keys:

By default the soft keys are assigned as SCAN, DW and NAV, however these keys can be changed. In addition the soft keys can be increased / assigned, refer below:

1. Turn the RAM3 (CMP30) off, press and hold the [ENT] key then press and hold the orange POWER (O) key until the menu is shown.
4. Press the CLR/WX key to return to the “Soft Key Setup” mode.
5. Press the [V] key to select “Save & Exit” and press the [ENT] key.

OPTIONAL ACCESSORIES

MLS-300 EXTERNAL LOUD SPEAKER

MLS-310 10 WATT AMPLIFIED SPEAKER

CT-150 23F extension cable

CT-100-3-145 5W Amplified Speaker

CT-100-3-2100 5W Amplified Speaker

DEFINITION:

Display voltage: 13.8 VDC (Supplied from the transceiver)
Current consumption: 700 mA @ VOL Max.
Maximum AF output: 200 mA @ AF Max.
Operating Temperature: -4 °F to +140 °F (-20 °C to +60 °C)
MIC. Sensitivity (Typical): 60 mV/m
AF output: 300 mW @ 16 Ω for 10 % THD
AF output: 2 W @ 4 Ω for 10 % THD
Display Size: 1.8” x 0.9” (45 x 23 mm)
Display Resolution: 132 x 64 dot
Case Size: 2.6” x 5.5” x 1.2” (67 x 140 x 30 mm)
Weight (Approx): 11.6 oz (330g)