



FURUNO®

DISTRESS MESSAGE CONTROLLER

Model DMC-5

- Centralized control of DSC Terminals (both MF/HF and VHF) and Inmarsat-C MES
- Enables distress call attempts on VHF DSC, MF DSC, Inmarsat and HF DSC sequentially through FURUNO DSC Terminals and Inmarsat-C MES
- Monitors all MF/HF/VHF DSC channels, NAVTEX, EGC and 2182 kHz watch receivers for distress messages, giving visual and aural alarms
- Distress call, distress relay, distress acknowledgement messages from any terminal are indicated on the LCD display
- Self test for checking line loop between DMC-5 and interfaced equipment, and for monitoring DSC messages



GMDSS (Global Maritime Distress and Safety System) requires a wide range of sophisticated equipment. The FURUNO Distress Message Controller DMC-5 is designed to offer centralized control of such equipment in the event of an emergency, so that operators do not have to activate each DSC Terminal or MES one by one to initiate a distress call.

By pressing the [DISTRESS] button, the DMC-5 sequentially activates all FURUNO DSC terminals as well as FURUNO Inmarsat-C MES. Nature of distress may be included in the DSC messages for transmission.

The DMC-5 also provides centralized monitoring

of MF/HF/VHF DSC channels, NAVTEX channel, EGC (Enhanced Group Call) and 2182 kHz watch receiver thereby integrating the full range of GMDSS functions.

As soon as a distress call is received by any receiving device interfaced with the DMC-5, the controller emits both visual and aural alarms. Up to 50 received messages from each DSC terminal are stored in the built-in memory.

Entry of ship's position, data and time, and selection of telecommand on the DSC terminals can be made manually from the DMC-5.

A distress alarm can be relayed to optional alarm speakers installed in remote locations.



The future today with FURUNO's electronics technology.

FURUNO ELECTRIC CO., LTD.

9-52 Ashihara-cho, Nishinomiya City, Japan Telephone: +81 (0)798 65-2111

Telefax: +81 (0)798 65-4200, 66-4622, 66-4623

Catalogue No. W-32271

TRADE MARK REGISTERED
MARCA REGISTRADA

SPECIFICATIONS OF DMC-5

FUNCTIONS

- 1) Single-button activation of distress alert, distress relay, and distress acknowledgement (Order of activation: VHF, MF, Inmarsat-C, HF [8-16-4-12--6 MHz]. Call on HF is repeated until acknowledged)
- 2) Display of message edited
- 3) Display of message received: distress alert, acknowledgement of distress alert, distress relay, acknowledgement of distress relay (NAVTEX, 2182 kHz watch receiver, MF/HF/VHF DSC, and EGC)
- 4) Memory of DSC messages: 50 messages for each terminal
- 5) Self Test
- 6) Aural and visual alarms on receipt of distress messages

DISPLAY

LCD: 24 characters x 2 lines, backlight

POWER SUPPLY

10 to 40 VDC, 10 W
115/230 VAC with optional rectifier PR-62

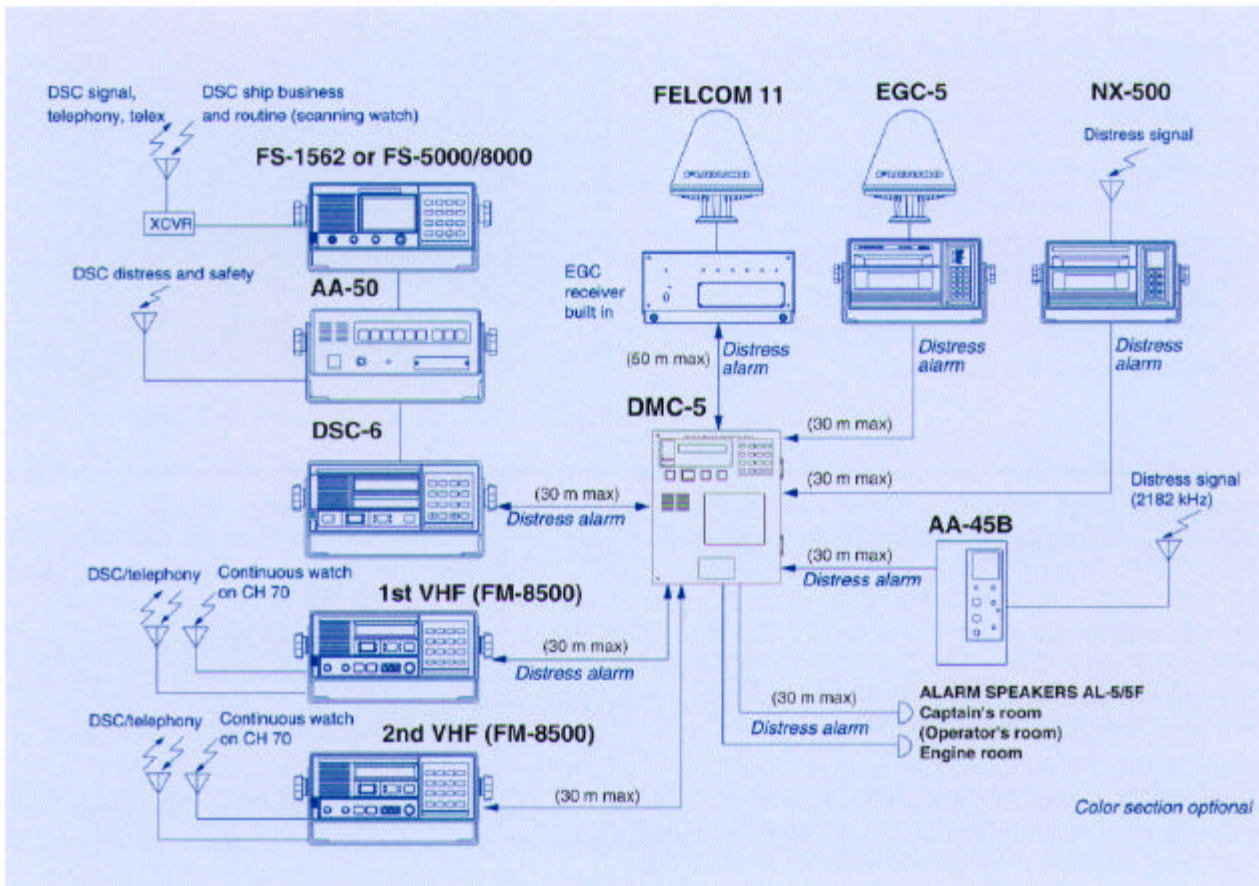
EQUIPMENT LIST

Standard

1. Distress Message Controller
2. Installation Materials

Optional

1. Flushmount Kit OP05-43
2. Rectifier PR-62 for 115/230 VAC
3. Alarm Speaker AL-5 (bulkhead) or AL-5F (flushmount)
4. Connection Cable for interconnecting with DSC-6 etc. (Specify 5, 10, 15, 20, or 30 m)
5. Connection Cable for interconnecting with FELCOM 11 (Specify 5, 10, 15, 20, 40 or 50 m)



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

FURUNO U.S.A., INC.
Camas, Washington, U.S.A.
Phone: +1 360-834-9300 Telefax: +1 360-834-9400

FURUNO (UK) LIMITED
Denmead, Hampshire, U.K.
Phone: +44 1705-230303 Telefax: +44 1705-230101

FURUNO FRANCE S.A.
Bordeaux-Mérignac, France
Phone: +33 5 56 13 48 00 Telefax: +33 5 56 13 48 01

FURUNO ESPAÑA S.A.
Madrid, Spain
Phone: +34 91-725-90-88 Telefax: +34 91-725-98-87

FURUNO DANMARK AS
Hvidovre, Denmark
Phone: +45 36 77 45 00 Telefax: +45 36 774501

FURUNO NORGE A/S
Ålesund, Norway
Phone: +47 70 102950 Telefax: +47 70 127021

FURUNO SVERIGE AB
Västra Frölunda, Sweden
Phone: +46 31-709 89 40 Telefax: +46-31-49 70 93

FURUNO SUOMI OY
Helsinki, Finland
Phone: +358 0-341 7570 Telefax: +358 0-3417 5716

99053N Printed in Japan

