

INSTALLATION

The following equipment from S. P. RADIO A/S is available for VHF for selective calls:

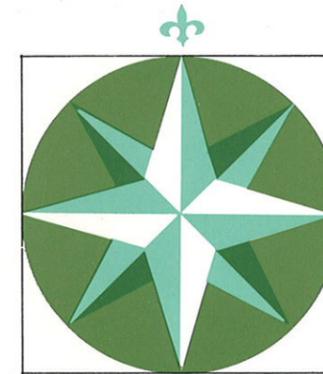
- SAILOR SELCALL DECODER type H 213 – decoder for selective calls
- REMOTE ALARM UNIT type E 214 – remote alarm
- Cable type E 216 – cable for establishment of connection H 213 / SAILOR VHF RT 141 – RT 142 – RT 143.
- Cable type E 217 – cable for establishment of connection H 213 / SAILOR VHF RT 144.
- Multiplug, female – LEIK 100 Hirschmann – multiplug for connection of non-SAILOR VHF's to H 213.

The above mentioned cables is used when the connection SAILOR VHF / DECODER is to be established. These cables with plugs is so designed that the VHF-set with the DECODER can be taken down if only the plugs at the rear are taken off.

The SAILOR SELCALL DECODER type H 213 is to be mounted on the side of the VHF-set between the handset holder and the box. Furthermore it can be mounted as a self-contained unit, possibly together with the handset holder.

CODING

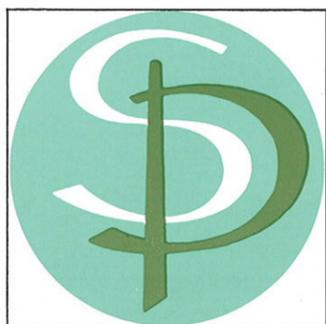
The allocated call number is a five-figure number and the coding is made by a simple soldering up of five wires.



Sailor

SELCALL DECODER
TYPE H 213
REMOTE ALARM UNIT
TYPE E 214

SELECTIVE CALLING EQUIPMENT FOR VHF



DEALER:

S. P. RADIO A/S · 9200 AALBORG SV · DENMARK · TLF. (08) 18 09 99

S. P. RADIO A/S



9200 AALBORG SV

SAILOR SELCALL

1. Makes direct calls from coast stations to your radio set possible as if it were an ordinary telephone. It will not be necessary to listen to the traffic lists of the coast stations.
2. Direct calls from the coast station with information about distress signals, vital navigation notices, gale warnings etc.

The equipment has been designed for connection with the VHF-set, and it is functioning as an automatic listening to the coast stations. The set will thus have to be operated in much the same way as an ordinary telephone, and the subscriber will have a call number allocated to him. The DECODER is to be set for that number, and when a coast station wants to communicate with the subscriber in question, a signal is to be transmitted, which will make only his DECODER react and indicate an INDIVIDUAL CALL.

On board the ship the SAILOR SELCALL DECODER type H213 will react to a call from the coast station, when the call is tallying with the number, which has been allocated to the subscriber. Thus a howling will be heard and the nature of the call (INDIVIDUAL CALL or ALL SHIPS CALL) will be visually indicated. This alarm giving can be heard in other quarters, if the REMOTE ALARM UNIT type E214 is connected. In case of an INDIVIDUAL CALL the howling will automatically stop after about 10 seconds, whereas the lamp will remain alight, until the RESET button is pressed. The ship answers the call by using the normal calling procedure to the coast station.

A VHF set with SAILOR SELCALL DECODER type H213 will thus automatically listen to the coast station day and night and will provide for a prompt and reliable connection between coast station and ship.

TECHNICAL DATA

Power Supply:	12V DC \pm 30% (supply from set when used in combination with SAILOR VHF).
Power Consumption:	without alarm giving – 12 mA with alarm giving – 30 mA
Decoder Input:	impedance – about 100 Kohm signal level – 200 mV RMS \pm 10 dB
Temperature Range:	\div 15° C to + 55° C
Signal/Noise Ratio:	0 dB
Reaction Time:	Individual call – 50 mS All ships call – 10 mS
Waiting Time:	Individual call – 220 mS All ships call – 250 mS
Acoustic Alarm:	Built-in piezo-crystal audio-indicator, tonefrequency 3,3 kHz. output – pulsatory 90 dBA measured 30 cm away from sound-producer. Will be put off automatically after about 10 seconds, when an INDIVIDUAL CALL is concerned. When an ALL SHIPS CALL is concerned, the acoustic alarm will continue, until the RESET button has been pressed.
Visual Alarm:	two light-diodes indicating INDIVIDUAL CALL and ALL SHIPS CALL. Will remain ON, until the RESET button has been pressed.
Dimensions:	Height: 210 mm Width: 46 mm Depth: 87 mm
Cabinet:	All-welded steel cabinet. Surfaces Nylon finished in green colour.

OPERATION INSTRUCTIONS



VHF:

The coast stations are sending the signals for selective calls on channel 16. The VHF-set must therefore be set to this channel. If the VHF-set is a SAILOR set with Dual Watch, it can be set to another channel, operating on Dual Watch simultaneously.

SAILOR SELCALL DECODER H213/REMOTE ALARM UNIT E214:

These units are getting their power supply from the VHF-set, and thus they are »ON«, when the VHF-set is »ON«.

CONTROL / INDICATORS:

1) RESET (decoder)

When this button is pressed, the decoder and the remote alarm unit will be reset after a call. By this both the acoustic and the visual alarm giving will be cut off.

2) TEST

When this button is pressed, INDIVIDUAL CALL is made about 2 seconds later, and ALL SHIPS CALL about 3 seconds later.

3) Acoustic Alarm Unit

When an INDIVIDUAL CALL is made, a howling (3,3 kHz) will be heard for about 10 seconds (decoder – pulsatory, remote alarm unit – continuous). When an ALL SHIPS CALL is made, the howling will be heard, until the RESET button has been impressed.

4) ALL SHIPS CALL Indicator

Visual indicator put alight, when an ALL SHIPS CALL is concerned, put off when the RESET button has been impressed.

5) INDIVIDUAL CALL Indicator

Visual indicator put alight, when an INDIVIDUAL CALL is concerned, put off when the RESET button has been impressed.

6) RESET (remote alarm unit)

When this button is pressed, only the remote alarm unit will be reset.