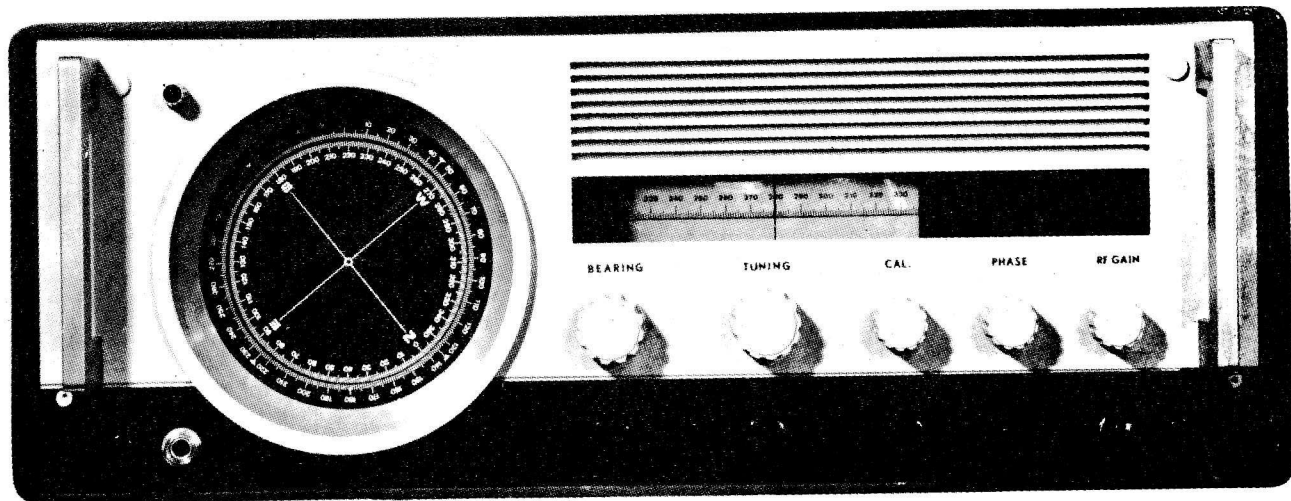


dansk radio aktieselskab



Automatic visual direction finder P1250

An automatic visual direction finder of completely new conception. No more mechanical rotating parts, hundred percent electronic gem, completely transistorized.

TUNE IN AND READ

Instant bearing obtained as soon as frequency set. No delay waiting for goniometer rotation.

10 SPOT FREQUENCIES

for instant tuning on radio beacons and watch frequencies, in addition to normal continuous tuning.

FULLY COMPLYING

with SOLAS-60 requirements.

GYRO REPEATERS

of all leading makes can be used.

Fully complying with the SOLAS-60 regulations, this equipment covers medium frequencies from 180 KHz to 550 KHz and intermediate frequencies from 1.6 to 3.8 MHz.

Although tuning is continuous in each band, crystals can be provided for up to 10 spot frequencies. These « instant listening » channels are extremely useful for accurate tuning of distress frequencies and for quick bearings in the normally used direction finding channels.

The receiver being tuned in, a narrow light strip is shown on the cathode ray tube, indicating the bearing of the station.

The pelorus can be rotated manually or connected to a gyro-repeater, giving instant true bearings.

For easy identification, the signal from the station involved is continuously audible either through the loudspeaker, or through headphones.

The P 1250 can be supplied for rack mounting or fitted in a tiltable mount.

Dansk Radio Aktieselskab

33, Amaliegade, DK-1256 Copenhagen K, Denmark

telephone (01) 13 13 33

telegrams.: Dariose

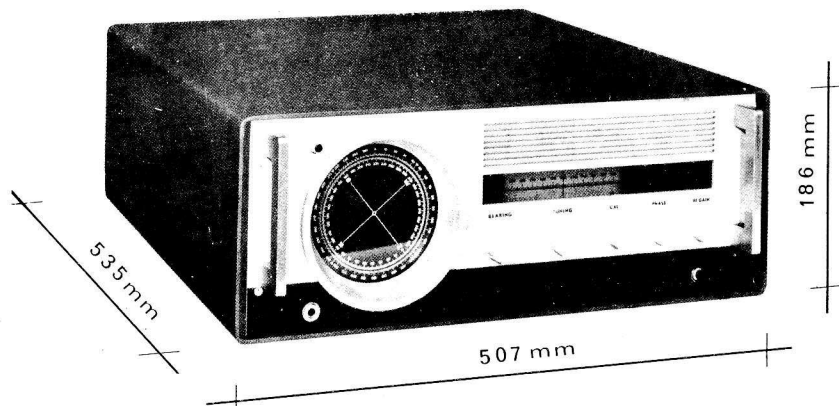
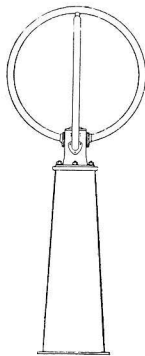
telex 27058

SPECIFICATIONS

Frequency Range	MF Band 180 KHz - 550 KHz IF Band 1.6 MHz - 3.8 MHz												
Reception modes	A1 A2 - A3 SSB : A3A - A3H - A3J												
Tuning	10 spot frequencies in addition to normal continuous tuning.												
Bearing Indication	fully automatic indication brightly visualized on 12 cm cathode ray tube.												
Bearing Accuracy	1° bearing accuracy in field strength superior to 50 $\mu\text{V}/\text{m}$												
Bearing Reading	accurate up to $1/2^\circ$												
Sensitivity	15 dB in 50 $\mu\text{V}/\text{m}$ field strength.												
Selectivity	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="border: none;">ATTENUATION</th> <th colspan="2" style="border: none;">BANDWIDTH</th> </tr> <tr> <th style="border: none;"></th> <th style="border: none;">A1</th> <th style="border: none;">A2</th> </tr> </thead> <tbody> <tr> <td style="border: none; text-align: center;">6 dB</td> <td style="border: none; text-align: center;">0,8 KHz</td> <td style="border: none; text-align: center;">2 KHz</td> </tr> <tr> <td style="border: none; text-align: center;">60 dB</td> <td style="border: none; text-align: center;">16 KHz</td> <td style="border: none; text-align: center;">16 KHz</td> </tr> </tbody> </table>	ATTENUATION	BANDWIDTH			A1	A2	6 dB	0,8 KHz	2 KHz	60 dB	16 KHz	16 KHz
ATTENUATION	BANDWIDTH												
	A1	A2											
6 dB	0,8 KHz	2 KHz											
60 dB	16 KHz	16 KHz											
Blocking	A1 85 dB A2 50 dB												
Intermodulation	70 dB												
Image Rejection	better than 70 dB												
Audio output	1 W loudspeaker 50 mW headphones												
Power Supply	110/220 V AC - 50/60 Hz Other voltages with appropriate converter.												

AERIAL DESCRIPTION

The aerial is a Bellini-Tosi type loop of particularly rigid construction. The loop can be supplied either for direct fitting on deck or mounted on a pedestal, as shown on drawing.



COMPLETE MARINE RADIO INSTALLATIONS ● RADIOTELEPHONE EQUIPMENT FOR SMALLER VESSELS ● MARINE RECEIVERS ● AUTO ALARMS
DIRECTION FINDERS ● AUTOMATIC ALARM SIGNAL KEYS ● PORTABLE LIFEBOAT EQUIPMENT ● MOTOR LIFEBOAT EQUIPMENT
SALINOMETER FOR FRESHWATER GENERATORS ● MEASURING INSTRUMENTS ● ECHO SOUNDERS FOR VERTICAL AND HORIZONTAL USE
RADAR EQUIPMENT ● LORAN EQUIPMENT ● ANTI INTERFERENCE AERIAL EQUIPMENT FOR RADIO AND TV ● LOUDHAILER EQUIPMENT
VHF MARINE TELEPHONE EQUIPMENT ● MAST AND ROD AERIALS ● FACSIMILE RECORDERS FOR WEATHER CHARTS. Please write for further details