

## A 190

A high powered marine radio transmitter.

600 watts to the antenna on HF  
300 watts on medium wave telegraphy  
100 watts on the coastal telephone

### Frequency Range:

410 - 512 kc/s	Telegraphy
4 - 25 Mc/s	Telegraphy
4 - 25 Mc/s	Telephony
1600 - 4000 kc/s	Telephony

### Power Supply:

110 or 220 volts DC  
3 x 380 volts AC

### Dimensions:

Height:	1750	mm
Width :	780	mm
Depth :	480	mm
Weight:	Approx. 350	kg

## A 190 F

The same transmitter as type A190, but 1 kW on medium wave telegraphy.

## A 199 CV

The very best coastal radio telephone designed exclusively for commercial shipping purposes.

100 watts to the antenna. A1, A2, and A3. simplex or duplex operations.

### Frequency Range:

1600 - 4500 kc/s

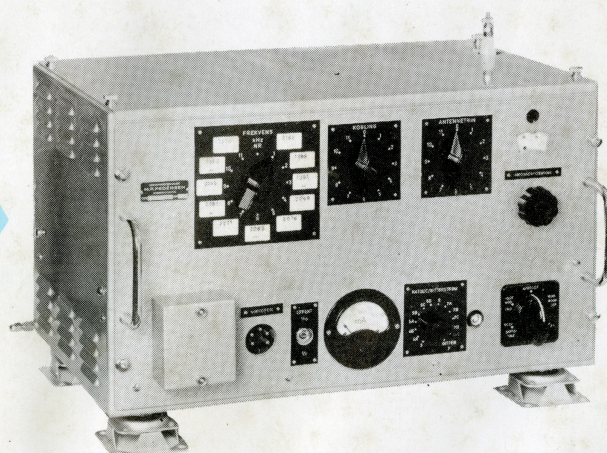
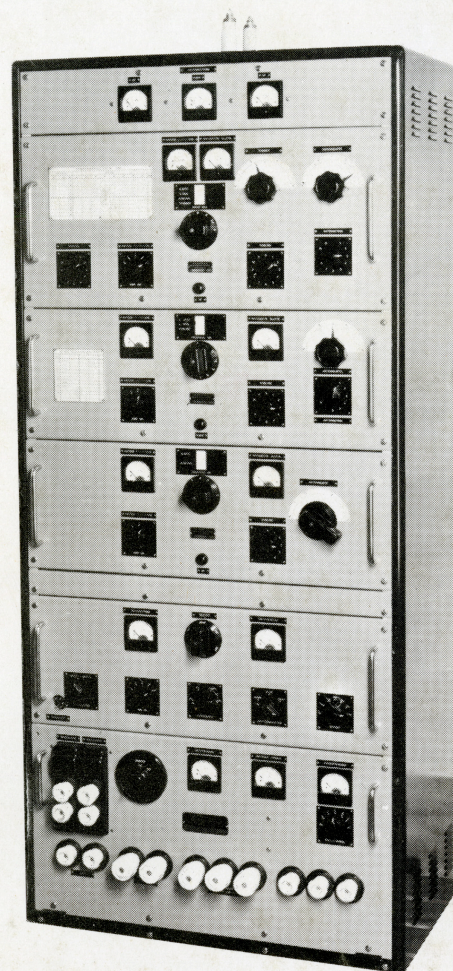
### Power Supply:

24 or 36 volts DC  
110 or 220 volts AC or DC

### Dimensions:

Height:	305	mm
Width :	540	mm
Depth :	525	mm
Weight:	Approx. 30	kg

The A199 CV transmitter can also be supplied with an antenna effect of 75 W as the type A198 BCV.



First Manufacturer of Maritime Radio Equipment

in Scandinavia



## A 221

A high powered emergency and reserve transmitter, with built in charge board for emergency batteries.

100 watts to the antenna.

### Frequency Range:

410 - 512 kc/s

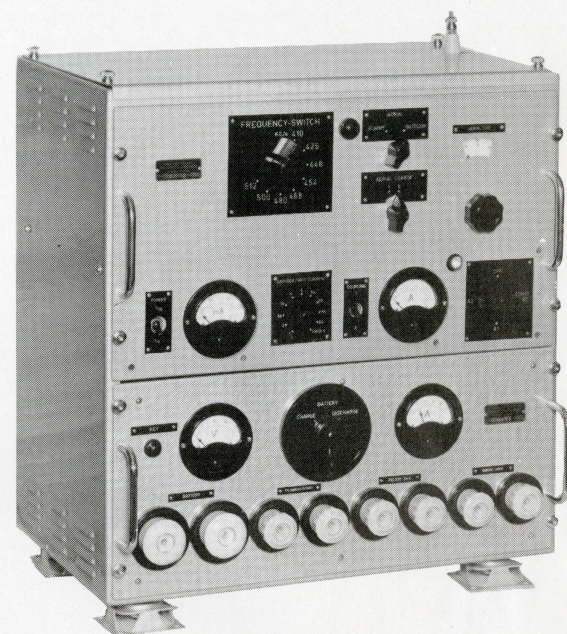
### Power Supply:

24 volts DC

### Dimensions:

Height: 305 mm  
Width : 540 mm  
Depth : 325 mm  
Weight: Approx. 30 kg

The transmitter can also be supplied with an antenna effect of 50 watt as the type A205.



## A 230

The very popular all-band transmitter. The one unit construction reducing cost of installation.

The antenna effect is:

125 W on Telephony, and  
175 W on Telegraphy

### Frequency Range:

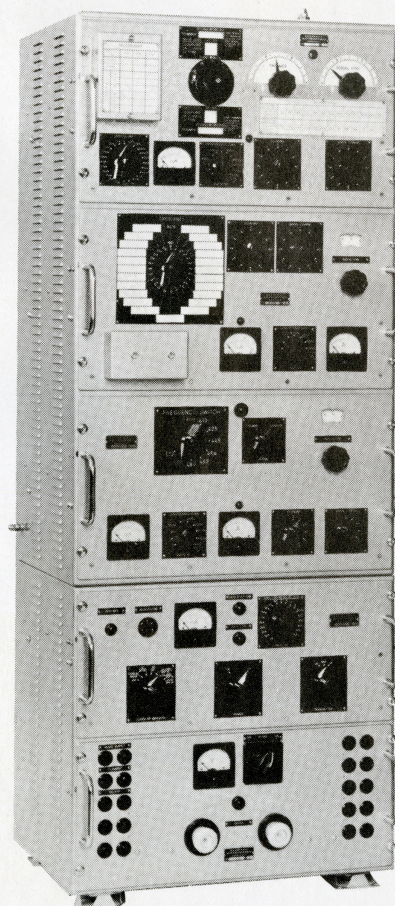
410 - 512 kc/s	Telegraphy
4 - 23 Mc/s	Telegraphy
4 - 23 Mc/s	Telephony
1600 - 4000 kc/s	Telephony

### Power Supply:

24 or 36 volts DC  
110 or 220 volts AC

### Dimensions:

Height: 1480 mm  
Width : 560 mm  
Depth : 450 mm  
Weight: Approx. 160 kg



**Automatic Alarms**

**Loudhailer Equipment**



## A 240

Is the transmitter for ships just over the 1600 tons limit.

300 watts on medium wave and short wave.  
100 watts on the coastal telephone.

### Frequency Range:

410 - 512 kc/s	Telegraphy
4 - 25 Mc/s	Telegraphy
4 - 25 Mc/s	Telephony
1600 - 4000 kc/s	Telephony

### Power Supply:

110 or 220 volts DC  
3 x 380 volts AC

### Dimensions:

Height:	1595	mm
Width :	650	mm
Depth :	520	mm
Weight:	Approx. 200	kg

## A 198 BCV - B 312 U

The type A198 BCV - B312 U is just the right radioset for coasters and fishing vessels.

Antenna effect: 75 W

### Frequency Range (Transmitter):

1600 - 3800 kc/s

### Frequency Range (Receiver):

170 - 3800 kc/s

### Power Supply:

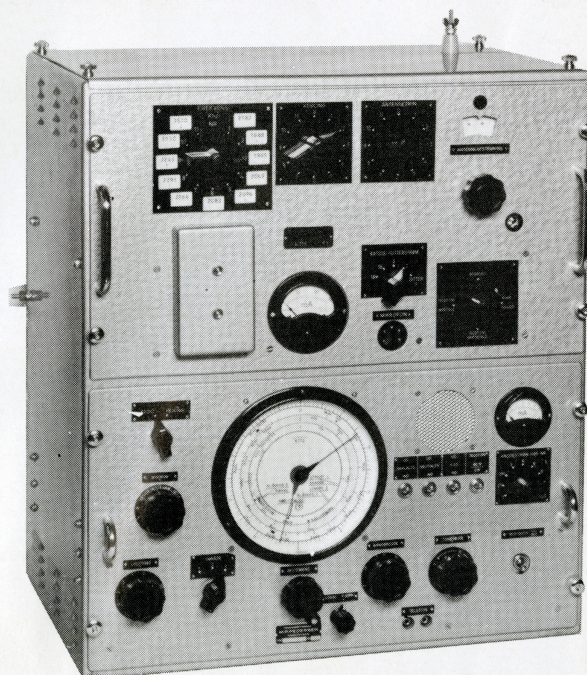
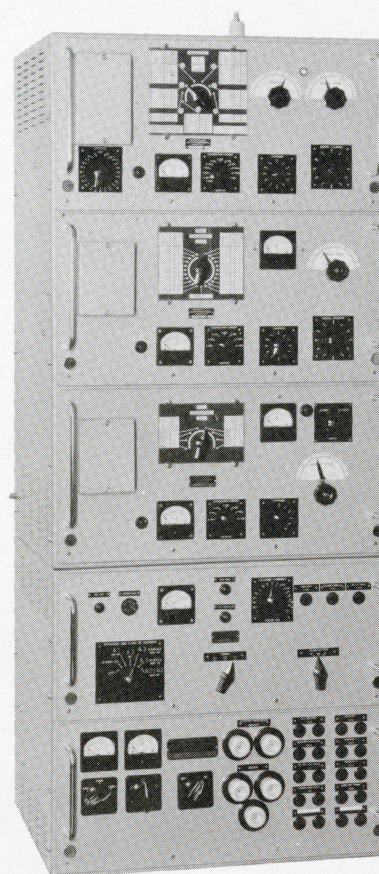
12 - 24 or 36 volts DC  
110 - 220 volts AC or DC

### Adaptability:

The receiver can also be used as a direction finder in connection with DF - Loop, type B278 A.

### Dimensions:

Height:	650	mm
Width :	530	mm
Depth :	340	mm
Weight:	Approx. 60	kg



**Radiotelephone Equipment**

**for Smaller Vessels**



## **B 285**

The type B285 operates as main, emergency or auxiliary receiver for dual voltages.

### Frequency Range:

100 kc/s - 23 Mc/s in 6 bands.

### Power Supply:

12 - 24 - 36 volts DC  
110 or 220 volts AC or DC

### Adaptability:

Can also be used as a direction finder in connection with DF-Loop, type B278 A.

### Dimensions:

Height: 325 mm  
Width : 520 mm  
Depth : 335 mm  
Weight: Approx. 30 kg

## **B 278 A**

A turnable loop antenna for operation in connection with types B312 U or B285.

## **B 310**

A high class all purpose receiver. Excellent all stability and ideal selectivity. The best shipboard receiver.

### Frequency Range:

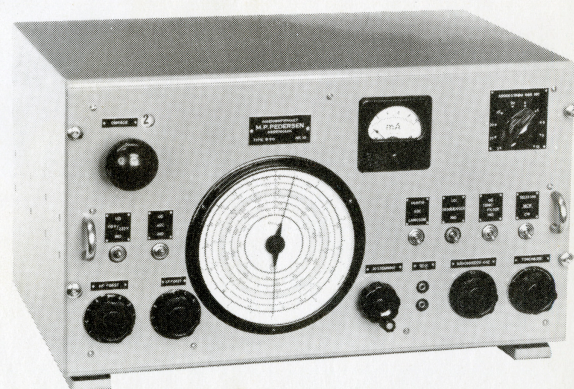
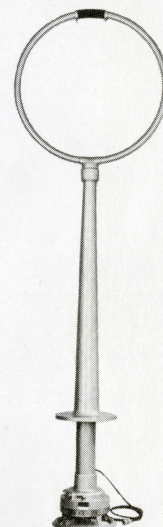
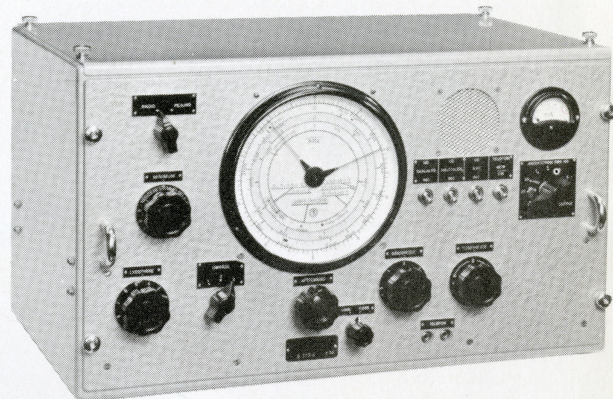
370 kc/s - 25 Mc/s in 6 bands.

### Power Supply:

110 or 220 volts AC or DC

### Dimensions:

Height: 325 mm  
Width : 520 mm  
Depth : 335 mm  
Weight: Approx. 30 kg



**Complete Marine Radios**



## **B 312 U**

Is the receiver for coasters and fishing vessels.

### Frequency Range:

170 - 3800 kc/s in 3 bands.

### Power Supply:

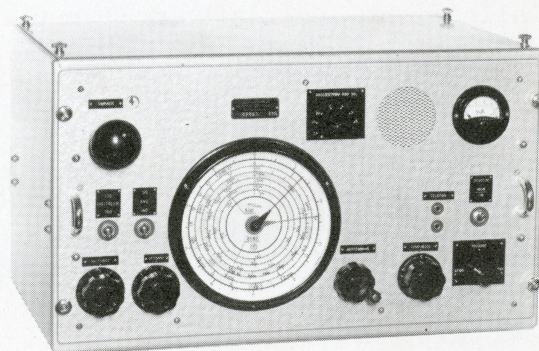
12 - 24 - 36 volts DC  
110 or 220 volts AC or DC

### Adaptability:

Can also be used as a direction finder in connection with DF-Loop, type B278.

### Dimensions:

Height: 325 mm  
Width : 520 mm  
Depth : 335 mm  
Weight: Approx. 20 kg



## **B 400**

General coverage, multi purpose HF receiver with extreme tuning accuracy and operational simplicity.

### Frequency Range:

10 kc/s - 30 Mc/s in 30 bands.

### Type of Reception:

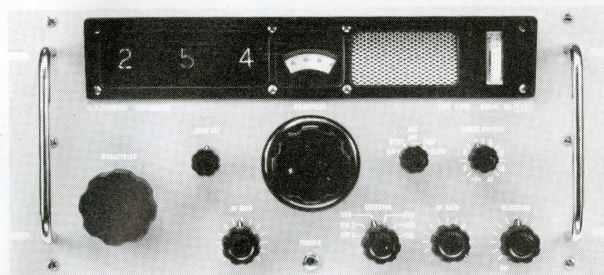
SSB (LSB or USB) AM  
CW - RTTY

### Power Supply:

24 volts DC  
110 or 220 volts AC or DC

### Dimensions:

Height: 264 mm  
Width : 525 mm  
Depth : 470 mm  
Weight: Approx. 35 kg



**Marine Receivers**



### **B 403**

A very modern fixed loop, goniometer direction finder.

It is also a compact and highly sensitive instrument, specially designed for ship-board applications.

Facilities for gyrocompass repeater.

#### Frequency Range:

220 - 4300 kc/s

#### Power Supply:

24 volts DC

110 - 220 volts AC or DC

#### Dimensions:

Height: 320 mm

Width: 540 mm

Depth: 400 mm

Weight: Approx. 28.5 kg

### **B 404**

Loop antenna for the type B403.

#### Dimensions:

Height: 1275 mm

Width: 1100 mm

Depth: 1100 mm

Weight: Approx. 14 kg

### **B 390**

Antenna amplifier and distribution system for AM and FM receivers.

Can be delivered with a special antenna.

#### Frequency Range:

LW - MW - SW - VHF (FM)

#### Power Supply:

110 or 220 volts AC or DC

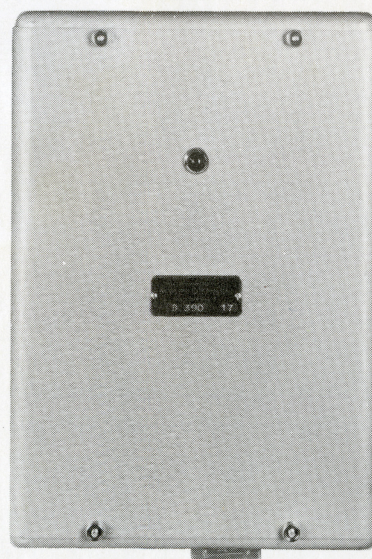
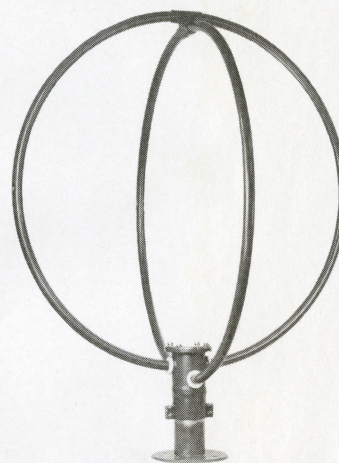
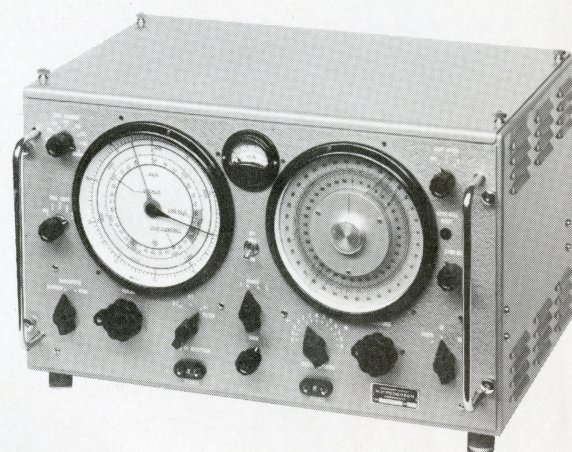
#### Dimensions:

Height: 295 mm

Width: 215 mm

Depth: 145 mm

Weight: Approx. 7.5 kg



**Complete Maritime**

**Radio Installations**



### B 392 B

The most modern intercom. plant with talk back and tone alarm.

The intercom. plant consists of one main and control station, and three substations. One of the substations is specially designed for very noisy engine rooms.

Main station can be remote controlled.

Output: 7 W

Power Supply:  
24 volts DC

Dimensions:

Height: 295 mm  
Width : 215 mm  
Depth : 145 mm  
Weight: Approx. 8 kg

### B 377

An automatic keying device for continuous generation of the international two-tone distress signal.

Power Supply:  
24 volts DC

Dimensions:

Height: 181 mm  
Width : 121 mm  
Depth : 60 mm  
Weight: Approx. 1 kg

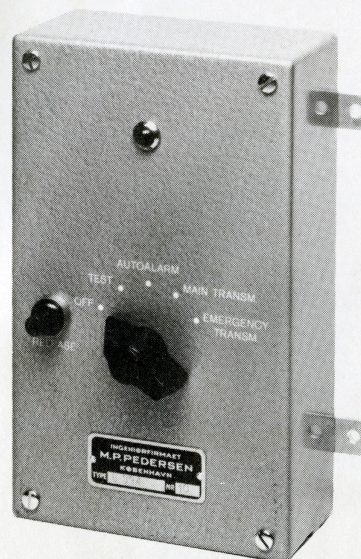
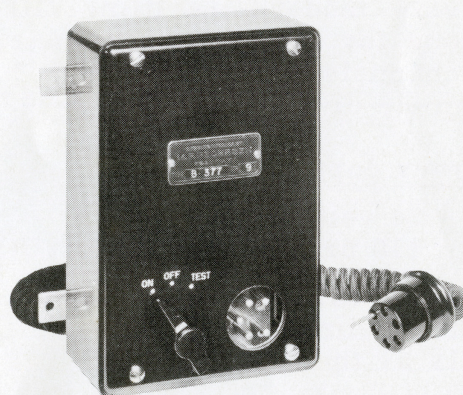
### B 394

The automatic keying unit, tested and type approved, complies with the Merchant Shipping (Radio) Rules 1952, for a device to send automatically alarm and distress signal.

Power Supply:  
24 volts DC

Dimensions:

Height: 200 mm  
Width : 150 mm  
Depth : 85 mm  
Weight: Approx. 1.5 kg



**Automatic Signal Keyers**

**Marine Receivers**





## AKR-7

This automatic alarm is constructed to fulfill the requirement of the international regulations for the Safety of Life at Sea.

### Power Supply:

110 or 220 volts AC or DC

### Dimensions:

Height: 550 mm  
Width: 330 mm  
Depth: 270 mm  
Weight: Approx. 15 kg

## D607.2

A very modern maritime VHF radiotelephone for simplex operations.  
9 channels in the 156 Mc/s band.  
Remote or stationary control.

### Power Supply:

24 volts DC  
110 or 220 volts AC or DC

The set can also be supplied with 28 simplex/duplex channels as the type D632.2.

### Dimensions:

Radiotelephone unit stationary or remote controlled:

Height: 380 mm  
Width: 190 mm  
Depth: 135 mm

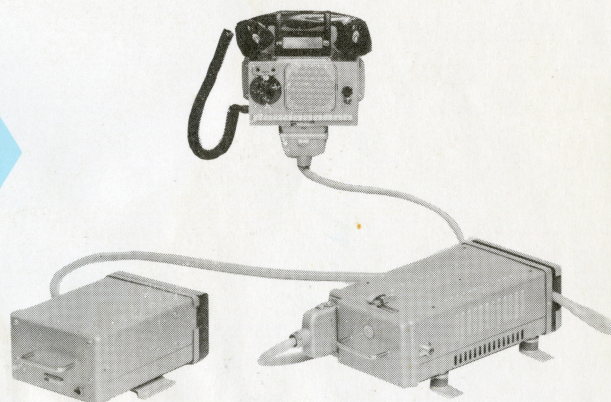
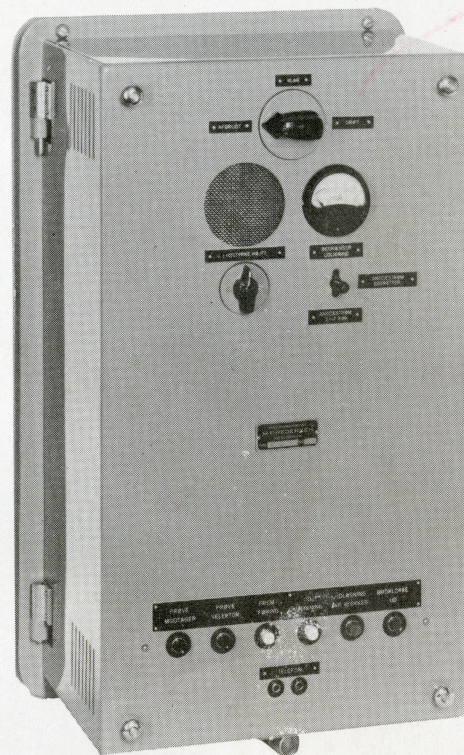
### Power Supply:

Height: 300 mm  
Width: 214 mm  
Depth: 135 mm

### Remote Control Unit:

Height: 180 mm  
Width: 130 mm  
Depth: 100 mm

Weight: Approx. 8 kg



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