

TAIYO

CALLING SIGNAL TRANSMITTER **THR-L400 / THR-L400-II**



Features

Calling signal transmitter, **THR-L400**, is a new model combining two TAIYO products for radio buoy systems, calling signal generator and transmitter.

Though it is small, many functions are provided to meet with operation requirements of all Taiyo sele-call radio buoy systems and ship to ship sele-call communication system.

It generates calling signal to call up sele-call buoys, GPS radio buoys or ship/land stations equipped with sele-call receivers.

Convenient for quick operation, various functions such as storage of call number (up to 100 radio buoys) and programmed calling (up to 10 GPS radio buoys) are provided.

Remote control from direction finder, TD-A157 is available.

Up to two external transmitters can be connected including a SSB transmitter.

The model without transmitter portion named **THR-L400-II** is available upon request.

TAIYO MUSEN CO., LTD.



Specifications

Calling Signal Generator Portion

Oscillator	: Crystal controlled, 5,450 kHz
Tone Frequency	: 502.5 Hz ~ 802.5 Hz in 30 Hz step
Calling Signal	: 4 tone in series with base tone
Length of Tone	: 0.2 sec \pm 0.03 sec
Interval of Tone	: 0.01 sec
Freq. Deviation of Tone	: Less than \pm 1 Hz
Signal Distortion	: Less than -26 dB
Tone Level	: 0 dBm ~ -50 dBm (load : 60 Ω)
Interval between two calls	: 0.4 \pm 0.06 sec
Memory	: 100 calling channels
External Transmitter	: Max 2 Transmitters

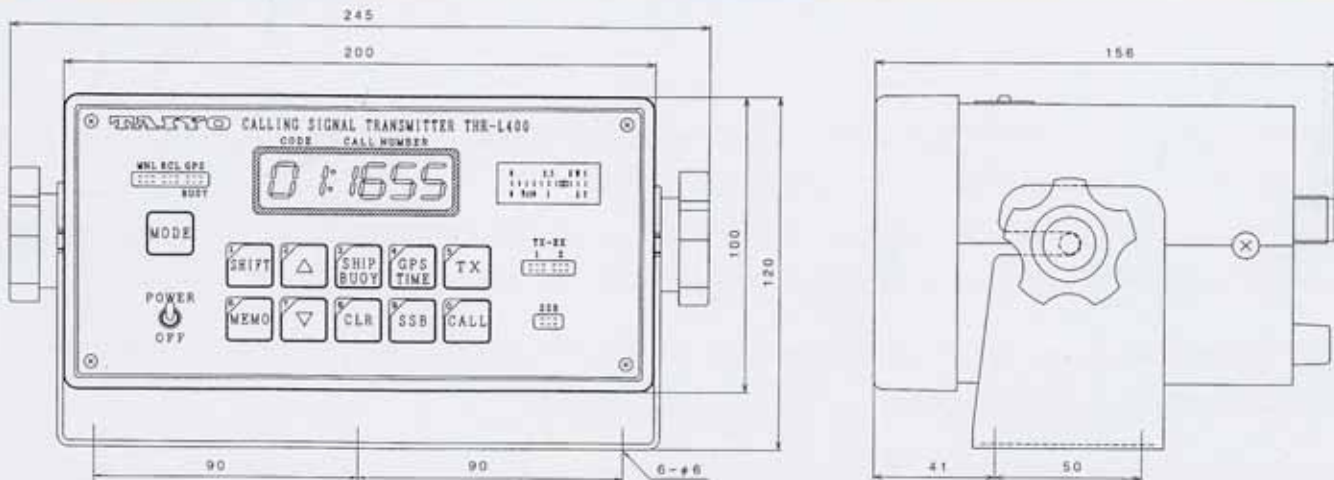
Transmitter Portion (for THR-L400 only)

Frequency	: 1600 ~ 3900 kHz (standard 2331.5 kHz)
Wave Form	: A2B
Output Power	: 3W
Duration of Transmission	: Approx. 1 sec for one calling

Power Supply : 24 V DC \pm 10%, 0.1 A

Antenna : Connection of two fiber glass poles with a loading coil in the middle, 50 Ω

Dimension & Weight : 245 (W) \times 120 (H) \times 156 (D) mm, 2.0 kg



*Specifications and design subject to change without notice for future improvement.

PLEASE CONTACT

TAIYO MUSEN CO., LTD.