

Automatic Digital Direction Finder

TD-L2200

FEATURES

Automatic Digital Direction Finder, model TD-L2200 is the succeeding model of our good reputation DF, TD-L1100. In addition to succeeding in all function of previous model, TD-L2200 adopts double super heterodyne for its receiving system and can output its bearing and receiving data with NMEA0183 format (on option). It provides clear and stable audio output even its smaller main unit compared with former one. Up to 100 channels memory for spot reception are helpful and users are free from repeating input operation of spot channels.



TD-L2200

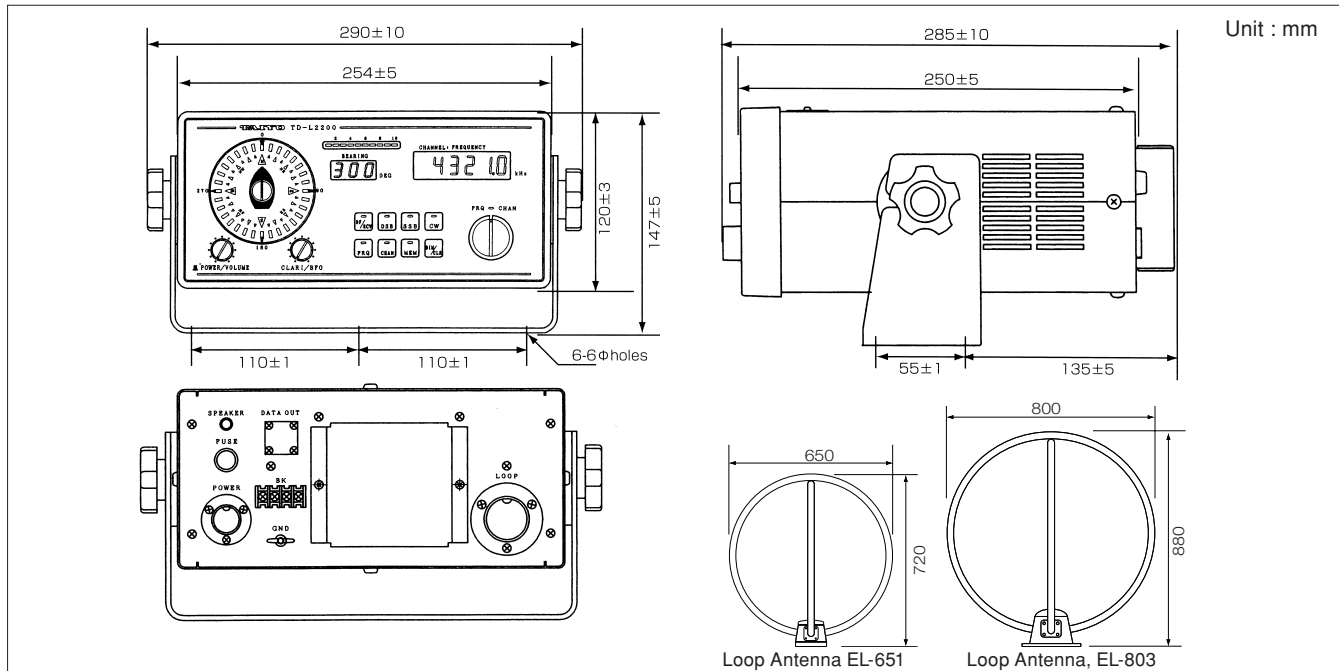
▼ Specifications

Display	Frequency, LCD 0.5kHz step
Frequency Display	LCD, 5 digits, 0.5kHz step
Bearing Display	LED, 3 digits, 1 degree step (000 - 359) LED, Analogue, 32 pcs. Circle at 11.25 degree step
Receiving system	Double super heterodyne
Frequency Range (Cable length: 8m)	Beacon : 190kHz - 450kHz Broadcast : 460kHz - 1600kHz Marine : 1600kHz - 4500kHz
Measurable Minimum Field strength	Beacon : Better than 14μV/m at 410kHz Broadcast : Better than 8μV/m at 1000kHz Marine, DSB/SSB mode : Better than 7μV/m at 2000kHz, 5μV/m at 3000kHz Marine, CW mode : Better than 5μV/m at 2000kHz, 3.5μV/m at 3000kHz
Receiving Modes	A1A, A2A, A3E and J3E
Spot Reception	100 channels
Intermediate Frequency	1st : 21.4MHz, 2nd : 455kHz
Selectivity	More than ±2kHz at 6dB, Less than ±5kHz at 60dB
Image Rejection Ratio	Greater than 60dB on beacon range
Audio Output	3W - 5W (4Ω)
BK voltage	24 VDC (12 VDC on option)
Power supply	12/24 VDC -10% +25%, 32 VDC ±10%, Less than 1.0A (Negative ground)
Antenna	650mm φ loop antenna EL651 or 800mm φ loop antenna EL-803
Cable	5 cored 2D-2V (EL-651), 5 cored 3D-2V (EL-803) 8m (standard)
Weight	DF main unit : 4.5 kg Antenna : EL-651: 2.5 kg : EL-803: 6.5 kg

*The value stated in above item 4 are subject to be measured with 8 m antenna cable.

**The highest measurable frequency for direction finding is changed depending upon antenna cable length.

▼ Outside View



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

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ISO9001
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