

FTA-250L



The Yaesu FTA-250L is an extremely affordable, compact (COMM ONLY) Airband transceiver. Featuring an extremely rugged Polycarbonate housing with an IPX5 Waterproof rating for use in harsh environments with rain, splash and spray. Loud 700mW audio output guarantees that radio calls will not be missed even in noisy environments. 8.33kHz Narrow Band capable, with a huge programmable 250 channel capacity memory bank. The FTA-250L comes programmed with Yaesu's exclusive E2O Easy to Operate menu system making the radio a pleasure to operate without the use of a manual. The intuitive operating system is further complimented by the high resolution Dot Matrix display and the bright, fully Lit, sunlight viewable backlight. Value packaged with a High Capacity (1950mAh) Li-ion battery, Headset adapter, belt clip, 100-240VAC charger, 12VDC charger / power cable, with drop in charging cradle. The Yaesu FTA-250L is backed by a industry leading 3 year waterproof warranty.

FEATURES

Now Meets MIL-STD-810F

The FTA-250L has now been tested and complies with the Military Standard MIL-STD-810F. Similar to commercial Land Mobile radios, all current Yaesu Airband Transceivers have been tested for durability against Low temperatures, High temperatures, Shock, Vibration, Dust and Rain, ensuring many years of rugged use.

Compact size

In response to the huge demand for a compact Airband transceiver, Yaesu has responded with our smallest airband transceiver yet, at only (2.1" W x 4.1" H x 1.2" D) the FTA-250L is guaranteed to fit in the smallest of places.

250 Memory Channels

Now with an expanded memory bank the FTA-250L can now store up to 250 memory channels for quick and easy recall, making this transceiver a pleasure to operate for heavy avionics users.

High-Capacity 1950mAh Li-ion battery

The FTA-250L comes packaged with our largest capacity battery yet. measuring in at 1950mAh, even heavy radio users are guaranteed to have a radio that will keep going strong all day long.

Specifications

General

Frequency Range:	TX: 118.000 to 136.975 MHz RX: 118.000 to 136.975 MHz 161.650 to 163.275 MHz (Weather Channels; USA/Canada only)
Channel Spacing:	25 kHz/8.33 kHz (Europe only)
Emission Type:	TX: AM RX: AM & FM (FM: for receiving the Weather Channels)
Supply Voltage:	6.0 to 9.5 VDC (Battery Terminal) 9.0 to 10.5 VDC (EXT DC JACK with Charging)
Current Consumption (approx.):	300 µA (power off), 70 mA (battery saver on, saver ratio 50%) 90 mA (squelch on), 300 mA (receive), 900 mA (transmit 1.5 W Carrier)
Temperature Range:	+14 °F to +140 °F (-10 °C to +60 °C)
Case Size (W x H x D):	2.1 x 4.1 x 1.2 inches (52 x 105 x 30 mm) with SBR-25LI
Weight (approx.):	10.6 oz (300 g) with SBR-25LI, antenna and belt clip

Receiver

Circuit Type:	Double-conversion superheterodyne
IFs:	47.25 MHz & 450 kHz
Sensitivity:	0.8 µV typ (for 6 dB S/N with 1 kHz, 30 % modulation)
Selectivity:	Better than 8 kHz/-6 dB (25 kHz step) Better than 2.8 kHz/-6 dB (8.33 kHz step)
Adjacent CH. Selectivity:	Less than 25 kHz/-60 dB (25 kHz step) Less than 8.3 kHz/-60 dB (8.33 kHz step)
AF Output (@7.4 V):	0.7 W @ 16 Ohms, 10 % THD

Transmitter

Power Output (@ 7.4 V):	5.0 W (PEP), 1.5 W (Carrier Power)
Frequency Stability:	Better than ±1 ppm (+14 °F to +140 °F [-10 °C to +60 °C])
Modulation System:	Low Level Amplitude Modulation
Spurious Emission:	>70 dB below carrier
Int. Microphone Type:	Condenser
Ext Mic. Impedance:	150 Ohms

The fully-charged battery lasts for 16 hours on the transceiver under the conditions below:

Operation ratio ... TX:RX:Standby = 5:5:90 (sec)

Power Output 5 W

Specifications are subject to change without notice or obligation.

Accessories and Options

Supplied Accessories

Lithium-ion Battery Pack	SBR-25LI
AC Adapter	SAD-20
Charger Cradle	SBH-22
Cigarette Lighter DC/DC Converter	SDD-12
Helical Antenna	SRA-18A ※ or YHA-73
Headset Adapter Cable	SCU-15
Belt Clip	SHB-18
Ferrite Core	L9190192
Operating Manual	
Warranty Card	

※ Antenna gain: 2.15 dBi
Impedance: 50 ohms

Options

Speaker Microphone	SSM-10A
Earphone (available only with the SSM-10A)	SEP-10A
Earphone	SEP-11A
Li-Ion Battery Pack (7.4 V, 1,950 mAh)	SBR-25LI
Li-Ion Battery Pack (7.4 V, 2,500 mAh)	SBR-26LI
AC Adapter	SAD-20
Charger Cradle	SBH-22
Cigarette Lighter DC/DC Converter	SDD-12
Helical Antenna	SRA-18A
Belt Clip	SHB-18
Headset Adapter Cable	SCU-15
USB Programming Cable	SCU-37
PC Programming Software	YCE16
(Download the YCE16 PC Programming Software from the YAESU website.)	

Availability of accessories may vary. Some accessories are supplied as standard per local requirements, while others may be unavailable in some regions. Consult your YAESU Dealer for details regarding these and any newly available options.

Connection of any non-YAESU-approved accessory, should it cause damage, may void the Limited Warranty for the FTA-250L.