

AT-710 VHF Communications Transceiver

The AT-710 is a self-contained, portable, 760 channel VHF air-band communications transceiver.

The rugged, portable case includes an aircraft quality radio transceiver, a universal power supply, internal batteries, intelligent battery charging circuitry, audio amplifier and built in speaker.

The AT-710 is ideal for any application that requires reliable, high integrity communications between aircraft and a ground station, including:

- Portable or Fixed Position Base Stations
- ATC Backup Communications
- Temporary Air Traffic Control Services
- Navigation Aids Flight Inspection Support
- Airport Unicom and Multicom
- Emergency Medical Services
- Aerial Firefighting Support
- Airport / Aircraft Ground Support Vehicles



FEATURES

- 760 Channel Aircraft Communications Transceiver (TSO'd)
- Rugged, Portable Aluminum Alloy Case
- 5 Watts Transmitter Output Power
- Universal Power Supply for Operation from AC Mains Worldwide
- 15 Hour Duration from Internal Batteries
- Intelligent Charging Circuits for Maximum Battery Capacity & Life
- Optional Operation From External Battery
- Built-in Speaker and Audio Amplifier
- Programmable, 9-Channel, Non-Volatile Memory
- Single Button Standby Frequency Selection
- High-Visibility, Sunlight Readable LCD Display
- Automatic Squelch and Audio Leveling
- Stuck Microphone Indication and Automatic Transmitter Disabling

STANDARD ACCESSORIES

Telex Dynamic Microphone
Portable Antenna
AC Power Cable

OPTIONAL ACCESSORIES

Base Station Antenna
Vehicle Mounted Antenna
External DC Power Cable with Cigarette Lighter Adaptor

SPECIFICATIONS

MECHANICAL

Dimensions: 4.25 x 11.5 x 15.1 inches (10.8 x 29.2 x 38.4 cm)
Weight: 18 lbs (8.2 kg)

ELECTRICAL

AC Mains Power 100-240 VAC, 50-60 Hz, 150 Watts maximum
External DC Power 12-14 VDC (13.75 VDC nominal), 8 Amps maximum

BATTERIES

Battery Type: Two Sealed Lead Acid Batteries (6V, 7.2 Amp-hour)
Battery Duration: 15 Hours (5% transmit, 5% receive, 90 % idle)
Charging Time: 8 hours (from fully discharged state)
Charging Source: AC mains or external DC power source
Performance during charging: Normal operation using external power. Full 5 Watt output power even with batteries fully discharged
Charging Circuit: Intelligent charging circuit maintains optimum battery conditions for maximum capacity and life. Internal logic provides high current bulk charge and precision float charge (standby state)

Temperature Compensation: Precision reference tracks battery requirements over temperature

TRANSMITTER

TSO Compliance: TSO C37c, DO-186 Class 4
Output Power: 5 Watts
Duty Cycle: 20% (1 minute on, 4 minutes off)

RECEIVER

TSO Compliance: TSO C38c Class A & C
Sensitivity: 2 uV or less 6 dB (S+N)/N

ENVIRONMENTAL

Operating Temperature: -20 degrees C to +55 degrees C
Storage Temperature: -35 degrees C to +70 degrees C
Humidity: 5% to 95% non-condensing

[For more information, please contact us:](#)

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