

FLIGHTLINE RADIOS – TRANSPONDERS



FLIGHTLINE FL-760 TRANSCIVER

One of the smallest and lightest in the industry! 2-1/4" Panel Mount Transceiver; compact size but loaded with what you need in your aircraft, with a one year warranty.

Features: Flip Flop Frequency Selection, Built-In 2-Place VOX Intercom, Backlit Display, 32 Programmable Memory Channel Call-Up, 5 w Carrier, 16 w PEP, 25 KHz Channel Spacing, One Year Limited Warranty, Non-TSO

Specifications;

- Frequency range : 118.00 to 136.975MHz (Receive:108.00 to 136.975MHz)
- Channel spacing : 25kHz
- Mode : AM (6K00A3E)
- Number of memory channels : 32
- Acceptable power supply : 11.7 V or 33 VDC (Negative ground only)
- Usable temp. range : -20 to +60
- Frequency stability : +/- 5ppm
- Current drain : TX: 3A(max) RX 0.8A(max) Standby: 300mA
- Dimensions : W61 X D159 X H61 (mm)
- Weight : 430g/14.11oz
- Exposed dial face : 56.4mm 2 1/4.5 inches
- Certification: Not TSO
- Output power : 5 W (carrier), 16W (pep)
- Modulation : small stage modulation
- Modulation limiting : 70 to 100%
- Audio harmonics distortion : Less than 15% (at 85% modulation)
- Hum and noise ratio : More than 40dB
- Spurious emissions : -16dBm or less
- Antenna impedance : 50
- Receive system : Double conversion superheterodyne
- Intermediate frequency : 1st : 38.85MHz (Upper) 2nd : 450kHz (Lower)
- Sensitivity (at 6dB S/N) : Less than 1uV
- Squelch sensitivity : 0.5uV (Threshold)
- Selectivity : More than 8kHz (at 6dB), Less than 25kHz (at 60dB)
- Spurious response rejection : More than 60dB
- Audio output power : More than 4W (at 4)
- Side tone : More than 100mW (at 600)
- Hum and noise : More than 30dB
- Audio output impedance : Ext. SP 4 (4 to 8), Side tone 600
- 2-1/4" panel mount

P/N 11-06307\$699.00



FLIGHTLINE FL-M1000AB BASE STATION

FL-M1000A Air Band Land Radio installed in an Astron Base Station.

The FL-M1000A is an Air Band Land Mobile Radio designed for land vehicles, or base

station use, not for Aircraft. The radio can be operated with Hand Microphone or Headset. You can choose audio output from External Speaker and/or Headphone. The radio has various built-in Scan functions.

Features: Convenient Base Station Enclosure, Easy to read alpha/numeric display, Scanning, Usable in the 760 Channel VFO mode Simple to program, Compatible with a standard Push-to-Talk Switch and Air Band Headset, Priority scanning, Multiple speakers, antennas, cables and programming options, Front panel control of external speaker. Hand Mic is included. P/N 11-09190\$884.00

FLIGHTLINE FL-M1000A AIR BAND RADIO



FL-M1000A Air Band Land Radio installed in an Astron Base Station.

The FL-M1000A is an Air Band Land Mobile Radio designed for land vehicles, or base station use, not for Aircraft. The radio

can be operated with Hand Microphone or Headset. You can choose audio output from External Speaker and/or Headphone. The radio has various built-in Scan functions.

Features: Installs in any vehicle, Easy to read alpha/numeric display, Scanning, Usable in the 760 Channel VFO mode, Simple to program, Compatible with a standard Push-to-Talk Switch and Air Band Headset Priority scanning, Multiple speakers, antennas, cables and programming options, Front panel control of external speaker. Hand Mic is included. M1000A Radio..... P/N 11-09189\$746.00 Hand Microphone for M1000A..... P/N 11-11381\$144.75



STX 165 MODE AIRCRAFT XPDR

The STX 165 Sports a professional 1/2 3ATI Bezel that compliments any aircraft panel. Its bright OLED display is readable in virtually all lighting conditions and automatically dims for night time operations. Check out just a few of the STX 165 features.

- Built-in Encoder: Simplifies installations and lowers cost.
 - Three Timer Functions: Elapsed Flight Time, Up Timer, Down Timer
 - Pressure Altitude Display: See what altitude your transponder is reporting to Center
 - Optional OAT Probe Input: Displays Outside Air Temp., Density Altitude, Icing Alert
 - Small and Light Weight: 7.4" behind the panel depth, 1.3 lbs.
- Specifications:
- Electrical Input Voltage: 11-33 Vdc
 - Current Requirements: 500mA@28Vdc
 - Power Output: 200 Watts Nominal
 - Transmitter Freq: 1090 MHz
 - Receiver Freq: 1030 MHz
 - Receiver Sensitivity: -74dBm Nominal at 90% reply rate
 - Dimensions: 1.78"H x 3.5"W x 7.34"L
 - Weight: 1.30Lbs
 - Alt. Encoder: Built-in 35K' Encoder; External RS-232
 - OAT Probe: Sandia STP 78 (Optional)
 - Temperature: -20 degrees to +55 degrees C
 - Altitude: -1000 to 35,000 Ft.
 - Certification: DO160F; DO178B Level C; TSO C74d; TSO C88a
- Sandia STX 165 Panel Mount.....P/N 11-09251\$1,595.00
Sandia STX 165R Remote.....P/N 11-09252\$1,544.00
Sandia STX 165 OAT Option.....P/N 11-09253\$330.00

GARRECHT TRANSPONDER CLASS 1 AND CLASS 2



VT01

UltraCompact

The Garrecht Transponder VT-01 is a flexible and modular system concept, in a compact size (57mm) with a very low current and integral alticoder. Available as Class-1 (125 Watt) or Class-2 (71 Watt) System. Specifications: Certification i.a.w: ETSO-2C112a, ED-73B

•Min. RF Output power @ Antenne: Class 1: 125 Watt

- Class 2: 71 Watt. • Integral alticoder: Yes • Weight control unit: 0,21 kg. •Weight main unit: 0,61 kg •Supply voltage: 9-32 V DC • Power consumption (operation) @ 13,8 V (1200 Mode A/C or 50 Mode-S replies): Class 1: 0,24 A Class 2:0,22 A • Power consumption (on Ground) @ 13,8V (Squitter active): Class 1: 0,17 A Class 2: 0,16 A • Power consumption (Standby) @ 13,8 V: 0,005 A •Interfaces: RS232 + CAN
- OPERATIONAL LIMITS • Max. Altitude: Class 1: 40.000ft Class 2: 15.000 ft (4.572 m) • Max. TAS: Class 1: 250 kts (463 km/h) Class 2: 175 kts (324 km/h) • MTOW: Class 1: 5.700 kg Class 2: 5.700 kg
- Transponder Class 1 P/N 11-04529\$2,595.00
Transponder Class 2 P/N 11-04530\$2,475.00
Transponder UltraCompact Class 1 P/N 11-05869\$2,420.00
Transponder UltraCompact Class 2 P/N 11-05870\$2,309.00



DITTEL KRT2 VHF TRANSCIVER

The KRT2 VHF-AM transceiver has a full graphic LC-display that allows for easy reading under all light conditions, including full sun. Push button and display illumination can be dimmed. The KRT2 is, of course, prepared for 8.33 kHz spacing that will become the new international standard for airborne communication.

Switching between the 8.33 and the 25 kHz mode is therefore made effortlessly simple. Standard or dynamic microphones can be used. A built-in-test facility increases flight safety. The dual watch mode that allows scanning of two different channels is included. The KRT2, with its integrated VOX/Intercom circuit, allows communication between pilot and co-pilot. **Specifications:** • Frequency Range: 118.000 MHz to 136.990 MHz • Channel Selection: 8.33 or 25 kHz (select automatically) • RF-Output Power: >6 W (carrier power) • Receiver Sensitivity: >12 dB sinad @ 2 uV • Input Voltage Range: 9 V DC to 36 V DC • Operating Temperature Range: -20°C to +55°C, for short time up to +70°C • Current Consumption: 1,6 A@12 V DC (transmit), 110mA@12 V DC (receive standby) • Certification: ETSO-2C169a, ED-23B Class 4, C, TSO-C169a, Class 6, H1 & H2 • Function: dual watch mode, integrated VOX/Intercom • Weight/dimensions: 360g /65 x 65 x 144 (+plugs) mm.

Transceiver..... P/N 11-10691\$1,236.00
Harness with open end P/N 11-10692\$106.00
Harness with jacks for dual seat P/N 11-10693\$131.75
Swan Neck Mic..... P/N 11-10694\$109.00

AV