

Features/Benefits:

- All electronic tuning (no mechanical adjustments)
- Same mechanical footprint and electrical interface as the current DTX-Ls (allows drop-in backwards compatibility)
- Available in 2 to 8 Watt UHF Models and 2 to 5 Watt VHF
- Supports voice or data applications
- Supports sub-audible signaling CTCSS or Digital Coded Squelch
- PC programmable via a Windows-based
 PC programmer
- All components placed on the top side of a single PCB for mechanical rigidity and increased protection against damage
- Solid internal ground plane for enhanced EMI shielding
- Surface acoustic wave (SAW) filter front-end for no-drift, adjustment-free filtering of interfering signals (DTX-445)
- Monolithic Gilbert cell mixer with internal negative feedback for improved RF intermodulation performance
- Ritron exclusive flex-divider PLL synthesizer allows for a wide loop bandwidth for fast transmit and receive attack times and minimal microphonics
- Audiophile-grade polypropylene capacitors in the PLL loop filter for further reduced microphonic susceptibility

Plus These Established DTX Ls Features:

- Low standby current drain facilitates long battery life in battery powered applications
- High receiver sensitivity
- Single board design for high reliability
- Ritron's made in the USA design, manufacturing, and service expertise
- FCC Narrow Band Compliant and Industry Canada approved module (board only or with enclosure), allows for easier integration into OEM applications without regulatory concerns
- Various connector/module options allow for flexibility in OEM integration

New - Next Generation

DTX-Ls Series Transceiver

A new embedded RF platform with enhanced performance and reliability.

- Narrow Band Compliant

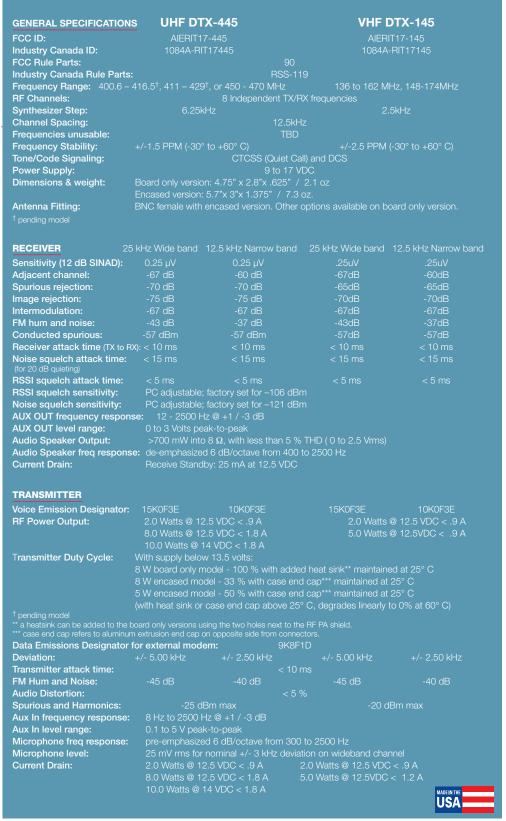
- Ideal For OEM and Other Integrated Applications



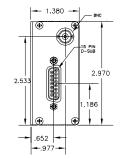


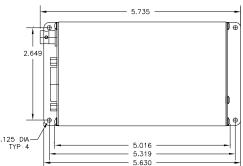
Reliable and Feature Rich.

RF Transceivers, Radio Modems and Specialized Wireless Communication Equipment for OEM and Integrator Applications – Since 1977.

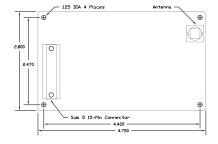


SINGLE BOARD TRANSCIEVER WITH HOUSING & MOUNTING FLANGES





SINGLE BOARD TRANSCIEVER (Board Only)



SUB D 15-PIN CONNECTOR

The DTX-445-145 is equipped with a 15-pin sub D connector with the following functions:

Sub D connector with the following functions:		
Pin #	Name	Description
1	CS0 Channel	Select low bit
2	CS1 Channel	Select mid bit
3	CS2Channel	Select high bit
4	MIC IN	Microphone Input
5	H/L PWR	High/Low Power
6	SUPPLY	Power Supply Input
7	AUX IN	Auxiliary Input
8	AUX OUT	Auxiliary Output
9	PGN IN/OUT	Programming I/O
10	N/A	Not Used
11	RX MON	Monitor
12	Audio Out	Audio PA Output
13	DCD	Carrier Detect
14	PTT	Push-to-Talk
15	GND	Ground

