Field-proven reliability, flexible control options, dynamic reconfigurability.

The RT-2200 is a remote controlled, software defined, digital signal processor (DSP) based, high frequency receiver-exciter. It is designed to meet the needs of ground fixed-site and transportable shelter applications. It provides conventional reception and transmission of voice and digital data messages, industry standard Automatic Link Establishment (ALE) capability and high-performance data modem functions. The exciter operating frequency range is 1.5 to 29.999 MHz with the receiver range extending as low as 350 kHz.

The ultra-reliable RT-2200 is the heart of the highly flexible URG-III HF Communication System. It is computer controlled by our advanced control software running on any computer with a Microsoft® RT-2200 Receiver-Exciter Windows® operating system and using a standard serial interface. Both the RT-2200 and the control software offer great flexibility to optimize and simplify the use of your communications system. The RT-2200 can be used either as a receiver, an exciter or a receiver-exciter in single-site or split-site installations. Each unit may be connected to up to three sources of control information to provide redundancy in large systems.

Additionally, the control software can be configured to control multiple radios and associated equipment such as filters, power amplifiers and antenna couplers. The overall result is a highly flexible system that experienced Rockwell Collins systems integration engineers will tailor to meet your specific communications needs.

KEY BENEFITS

- Uses standard waveforms to ensure interoperability with existing networks
- JITC certified
- Includes internal ALE controller (MIL-STD-188-141A Appendix A)
- High-performance data modem capable of data rates from 75 to 1,200 bits per second using waveforms (MIL-STD-188-110A) and up to 19.2 KBPS (MIL-STD-188-110B Appendix C and F in ISB)
- Provides signal reception or signal generation with receive-to-transmit and transmit-to-receive speeds suitable for data applications
- Capability to provide separate transmit and receive frequencies when required
Building trust every day.

Rockwell Collins delivers innovative aviation and high-integrity solutions that transform commercial and government customers’ futures worldwide. Backed by a global network of service and support, we are deeply committed to putting our solutions to work for you, whenever and wherever you need us. In this way, working together, we build trust. Every day.

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