Lectrosonics DCHT & DCHR

Lectrosonics announces the introduction of the DCHT digital stereo miniature transmitter and DCHR portable digital stereo receiver in the B1C1 frequency range, covering 537-691 MHz. These units are designed for use in film, TV, corporate, and sports productions as both a wireless audio link from a bag or cart system to cameras, and as part of a digital IEM or IFB system with M2Ra receiver packs.

The DCHT/E01-B1C1 (international version) can tune 537 – 691 MHz tunes in25 kHz steps, offering more than 6000 frequencies. The RF output can be set to 10, 25 or 50 mW, thus providing flexibility in terms of operating range for the intended application. The DCHT-B1C1 (North American) version tunes from 537 – 663 MHz and skips the portions of spectrum that are restricted for use with this type of device. This allows access to the guard band (614.050 – 615.950 MHz) and Duplex Gap (653.050 – 662.950 MHz). The North American version has RF power selections at 10 and 20 mW to conform to regulations for use in these bands. The DCHT accepts two channels of mic or line level analog signals or an AES digital signal from a mixer and transmits to the receiver or receivers in a pure digital format. The DCHT can be used with any Lectrosonics digital receiver including DCHR, M2Ra, DSQD, DCHR822, DSR4, or DSR.

The digital architecture of the DCHT and DCHR allows AES256-CTR signal encryption for applications where content security is a concern, and offers four different key policies: universal, standard, shared, and volatile. This allows for a wide range of applications including government, sports coverage, and corporate environments where information security is critical.

The DCHR offers either analog or digital outputs from a locking TA5 jack. Also included is a headphone jack for signal monitoring. The DCHR can be used with any mono or stereo Lectrosonics digital transmitter, including the DCHT, DBSM Series, DSSM, DPR-A, DBu, DHu, or M2T. Both the DCHT and DCHR can be powered with AA batteries, or externally DC powered by installing the optional LTBATELIM.

“Many of our customers are looking for ways to access alternate slices of the spectrum,” explains Karl Winkler, EVP Product Design and Distribution. “With the ever-shrinking UHF landscape, we want to help users get the tools they need to succeed in this challenging environment.”

The DCHT-B1C1, DCHT/E01-B1C1, and DCHR-B1C1 are available now. Check with your authorized Lectrosonics dealer for pricing information.

www.lectrosonics.com