

THEOS Digital Wireless

Features

- Ultra-Wideband; 550-960Mhz
- On-Board 32-Bit Float Audio Recorders
- Built-In TCXO for Accurate Timecode, with Wireless Timecode Syncing Capability
- Dual-Channel Compact Receiver; Up to 10Hrs of Battery Life
- CNC Aluminum Chassis
- Removable SMA Antennas
- Digital UHF Signal; Crystal Clear Audio Quality



Product Description

The Deity Theos Digital Wireless Microphone System sets itself apart using a broad UHF spectrum instead of the congested 2.4 GHz band. This system's frequencies range from 550-960 MHz. Using a wide band UHF spectrum is especially important for filmmakers working in various locations where multiple devices might compete for frequency space. In such situations, Deity Theos Digital Wireless ensures that you always have a clear frequency to work with, thus lowering the risk of interference.

The transmitters feature a built-in recorder for backup files. The onboard recorder features both 24-bit and 32-bit float formats so you never have to worry about gain staging on your backup WAV files. Recordings are saved to a Micro SD card, up to 128Gb in size. And Theos' most unique feature is that the transmitter can be natively synced wirelessly from the Deity TC-1 timecode generator. Timecode ensures your backup WAV files will sync with your master file in post-production. Alternatively, the DBTX can be synced via the 3.5mm jack if you are using 3rd party timecode generators.

Theos' provides a convenient feature that enables users to remotely control the transmitter and receiver using the Sidus Audio app. Through this app, you can effortlessly perform frequency scanning and assignment, coordinate frequencies among multiple receivers, adjust gain staging, and remotely trigger the backup recorder. This eliminates the necessity to handle the device physically, making it highly convenient while working on the set.

DBTX and D2RX units have SMA antenna ports for easy antenna swapping and transportation, enhancing on-location work convenience. The kit comes with a convenient carrying case, allowing you to store all your accessories in one place.



Includes:

- 1x D2RX
- 8x Antenna
- 2x RX-Link XLR Cables
- Cold-Shoe Mount
- 3x Belt Clips
- 2x DBTX
- 2x Lavalier
- USB-C Data Cable
- Carrying Case
- 6x AA Batteries

Transmitter:

RF Modulation : Proprietary DigitalRF Modulation
RF Frequency Ranges : 550~960MHz (up to 100mW)
RF Frequency Step : 100KHz
RF Bandwidth : 700KHz
Dynamic Range : 123dB
Distortion : <0.5%
Frequency Response : 20~20KHz
Low Cut : OFF/75Hz/100Hz/150Hz
Mic Power : MIC-3V、MIC-5V、LINE
Mic Connector : 3.5mm TRS
Input Gain : 0~+30dBV
ADC Bit-Depth : 24
ADC Sampling-Rate : 48

Internal Recorder / Timecode:

Clock Accuracy : 0.25 PPM (1 Frame Out in Hours)
Timecode Frame-Rates : 23.98, 24, 25, 29.97,
29.97DF, 30, 30DF
Media: MicroSD Card (Flash Memory)
File Format: .wav
Record Format : 24/32bit float
EIN: -132dBV(-130dBu) max (A-weighting, gain=30dB,
150ohm source impedance)

Receiver :

RF Frequency Ranges : 550~960MHz
RF Frequency Step : 100KHz
RF Bandwidth : 700KHz
Sensitivity : -95dBm
Receiver Audio : Analog Output(x 2)
Dynamic Range : 103dB
Distortion : <0.5%
DAC Bit-Depth : 24

