

DEITY CONNECT

Connect To The World Differently

FINALLY A PROFESSIONAL GRADE 2.4GHZ WIRELESS SYSTEM

Taking a cue from industry professional wireless companies we wanted Deity Connect to have the same reliable signal and audio quality. The BP-TX is made out of CNC aluminum to give it a tough, durable build quality. All settings on the BP-TX can be over written in the menu of the DUO-RX. Now you no longer have to walk over to an actor to change a simple setting. The Deity Connect ecosystem uses a proprietary protocol that was engineered with several mechanisms to ensure a strong audio link while at the same time co-existing peacefully with other 2.4Ghz devices using the same frequency band. Deity Connect is a perfect solution to get great audio during your next video production, bundled with a waterproof hard case.



Specifications

Receiver Duo-RX	
Channels	Up to 18 Channels
Frequency	2.4GHz
Antenna	SMA
Antenna Array	Dual True Diversity
Receiving Sensitivity	< -86dBm
Audio Output Connector	Dual Locking 3.5mm TRS
Audio Delay	19ms
Frequency Response	50Hz-20KHz
Audio Distortion	≤0.5%
Signal to Noise Ratio	≥ 110 dBA
Display Type	OLED Display
Battery Type	Lithium-Ion Rechargeable
Battery Life	≥ 10hrs non-stop @ 100mW RF Output
Battery Recharge Time	<1.5hr via USB-C QuickCharge 2.0/3.0
Mounting Options	Cold shoe mount & velcro strap
Dimensions	113mm*87.4mm*33.5mm
Weight	248g

Transmitter BP-TX	
Channels	Up to 18 Channels
Frequency	2.4GHz
Antenna	SMA
Range	Up to 100m / +300ft
Audio Input Connectors	Locking 3.5mm TRS
Audio Delay	19ms
Sampling Depth	24 bit
Sampling Rate	48kHz
Signal to Noise Ratio	≥ 110 dBA
Limiter	Analog
Level Control	21dB to -51dB
Transmitting Power	10mW/25mW/50mW/100mW/AUTO
Low Cut	75Hz / 150Hz
High Frequency Boost	7KHz-20KHz Boost @ +1dB steps
Mute Switch	Support
Display Type	1.3" OLED Display
Battery Type	Lithium-Ion Rechargeable
Battery Life	≥ 10hrs non-stop @ 100mW RF Output
Battery Recharge Time	<1.5hr via USB-C QuickCharge 2.0/3.0
Charging Interface	USB Type-C
Mounting Options	3/8" and 1/4" + Removable Belt clip
Dimensions	92.8mm*63mm*26mm
Weight	148g

Lavalier Microphone	
Frequency Response	50Hz-20KHz
Directivity	Omni-directional
Capsule Type	Pre-Polarized Condenser
Audio Distortion	≤0.5%
Signal to Noise Ratio	≥67dB (@1KHz,rel 1Pa per IEC651)
Sensitivity	-40±2dB re 1 V/Pa @ 1kHz
Maximum SPL	110dB(@1KHz,1% THD into 1K)
Dynamic Range	83 dB typical
Output Impedance	2.2KΩ
Microphone Head Size	19.2mm H x 10.4mm W x 10.4mm D
Power Requirements	1.5-3V
Cable Length	1.6m

BP-TX



- 24bit / 48Khz Uncompressed Lossless Audio
- SMA Antenna Port
- 5 Different RF Power Options (10mW, 25mW, 50mW, 100mW or AUTO)
- Featuring low cut, limiter, and high frequency boost to ensure great audio
- Multicolor Status LED light Daylight bright OLED screen
- 2,000mAh Lithium Battery; ≥ 10hrs @ 100mw RF Output
- Fully charged in <1.5hr via USB-C QuickCharge 2.0/3.0
- Firmware upgradable via USB interface

DUO-RX



- Dual channel receiver
- Dual True Diversity antennas
- 4 Different output modes for DSLRs and recorders
- Remotely control EVERY setting on the transmitters from the receivers menu
- 2,000mAh Lithium battery; ≥ 10hrs battery life
- Fully charged in <1.5hr via USB-C QuickCharge 2.0/3.0
- Firmware upgradable via USB interface

