



S2.4 Digital Wireless System



S2.4 Series - 16 Channel Digital Wireless System

The S2.4 Series is a 16 channel digital wireless microphone system. It has adopted ISM 2.4GHz Digital Audio Frequency, which automatically filters out radio interference. Sound is clear and natural thanks to the comprehensive application of Digital Audio Processing Technology, whilst the smart .ID code Identifying Synchronisation Technology makes installation much easier.

16 Channels

Up to 16 selectable channels, available as single and dual channel systems



ISM 2.4GHz Digital Audio Frequency

ISM 2.4GHz digital audio frequency automatically filters out interference

Long Battery Life

Two AA batteries lasts for up to 5 hours

S2.4 Series

16 Channel Digital Wireless System

S2.4-RX

Receiver

- 2.4GHz ISM Digital Wireless Microphone System
- Up to 2 simultaneous channels
- GFSK Modulation
- No RF noise
- Can transmit up to a distance of 30m
- 16 bit, 38.4kHz audio format
- Single system comes with either a handheld microphone or a beltpack transmitter
- Dual receiver system comes with both a handheld microphone and a beltpack transmitter
- Dual receiver with removable antennas

Carrier Frequency	2.404-2.474 GHz
Available Channels	16
Band Range	2MHz
Dynamic Range	85dB
Total Harmonic Distortion	<0.1%
Power Supply	12VDC Single 0.5A or 1.0A / Dual 1.0A
Consumption Power	2W
Signal to Noise Ratio	>95dB
Receiving Sensitivity	-80dBm

Options:

S2.4-RX1 - Single Receiver System

S2.4-RX2 - Dual Receiver System (with Removable Antennas)

Note: Dual Receiver: Simultaneous Microphone Thresholds

TOA recommends a maximum of 6 transmitters operating with a maximum of 3 dual receivers for best performance.



Single Receiver

Dual Receiver

S2.4-HDX

Handheld Transmitter

- › Simple programming of transmitter with built-in infra-red data link
- › Frequency and Power lock facility
- › Battery life of approx 5 hours.
- › Clear and intuitive LCD display
- › Professional metal enclosure

RF Carrier Power	10mW
Modulation Type	GFSK
Ultraharmonics	<20dB
Battery Life	Approx 5 hours
Power Supply	2 x AA battery
Length	23.5 cm (235 mm)



S2.4-BTX

Beltpack Transmitter

- › Credit card sized beltpack
- › Simple programming of transmitter with built in infrared data link
- › Frequency and power lock facility
- › Battery life of approx 5 hours
- › Detachable antenna
- › Clear and intuitive LCD display
- › Professional metal enclosure

RF Carrier Power	10mW
Modulation System	GFSK
Ultraharmonics	<20dB
Power Supply	2 x AA battery
Battery Life	Approx. 5 hours



Accessories

Lavalier Microphone S2.4-LMO



- Omnidirectional electret condenser microphone (included with Beltpack)

Headworn Microphone S2.4-HMO



- Omnidirectional electret condenser microphone

Headworn Microphone S2.4-HMU



- Unidirectional electret condenser microphone



www.trantec.ca
Specifications are subject to change without notice



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