



Introduction

For nearly thirty years Trantec have specialised in producing high quality wireless microphones, belt packs and in ear monitors. Now part of the TOA Corporation family, Trantec continues to advance by investing in our own research and development to ensure that our product range maintains its innovative, market leading position. Our wide product range, as well as versatile accessories, ensures that we can cater for the most challenging audio demands, at almost any budget within the industry.

S4.04 Series

The S4.04 is Trantec's simplest plug and play system, designed to launch you in to the world of wireless. Its rugged and compact frames hold a reliable multi-functioning system that is optimised for use with a range of microphones, from handheld to lapels, or headsets. Alternatively can be used with a musical instrument.

4 Channels

Four selectable frequencies can be used license free in the UK on Channel 70

PLL Technology

Fully PLL synthesized tuning technology

Long Battery Life

A single AA battery gives up to 10 hours of quality performance with a range of up to 100 metres





S4.04-RX-EB-GD5

Receiver

- ▶ 4 switchable licence free frequencies on Channel 70 (UK)
- ▶ Fully synthesised PLL quartz tuning technology
- ▶ Receiver LED's show AF peak level, RF level & diversity channel A or B

Diversity Reception	Antenna Diversity
Sensitivity	10uV at 45dBA, S/N
Squelch	Tone SQ, Carrier SQ, Noise SQ
Audio Frequency Response	50Hz - 15 kHz
Audio Output Level (Max.)	Balanced (XLR socket): -20dBu Unbalanced (1/4" jack socket): 10dBu
Power Supply	12 VDC 500mA
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)
Weight	480g

Available Systems

S4.04-HD-EB-GD5	Handheld Microphone Set	Channel 70
S4.04-B-EB-GD5	Beltpack Microphone Set	Channel 70
S4.04-L-EB-GD5	Lapel Microphone Set (LP2)	Channel 70
S4.04-A-EB-GD5	Standard Headset System (MIC-SJ33)	Channel 70
S4.04-W-EB-GD5	Aerobic Headset System (MIC-SJ66, AB-1000)	Channel 70
S4.04-T-EB-GD5	Theatre Headset System (MIC-SJ22-P)	Channel 70
S4.04-E-EB-GD5	Earworm System (MIC-SJEM77-P)	Channel 70

S4.04-HDX-EB-WD5

Handheld Transmitter

- › Dynamic Microphone with cardioid pattern
- › Single AA transmitter battery life of approx 10 hours.

RF Carrier Power	10 mW
Audio Frequency Response	80 Hz - 15 kHz
Audio Input Level	140 dB SPL (maximum)
Battery Life	Approx. 10 hours
Power Supply	1 AA size alkaline battery, 1.5 V
Finish	Resin, coating
Dimensions	250 x ø50 mm
Weight	245g (with battery)



S4.04-BTX-EB-WD5

Beltpack Transmitter

- › Locking 3.5mm jack
- › Integral switch for selection between instrument and microphone
- › Single AA transmitter battery life of approx 10 hours.

RF Carrier Power	10 mW
Audio Frequency Response	50 Hz - 15 kHz
Audio Input Level	-6 dBV (maximum), mic gain 0dB
Battery Life	Approx. 10 hours
Power Supply	1 AA size alkaline battery, 1.5 V
Finish	Resin, coating
Dimensions	62 (W) x 100 (H) x 25 (D) mm (with clip)
Weight	85g (with battery)



S4.10 Series

The S4.10 Series is designed to make multi-channel wireless as simple as possible. It can be used with a wide range of microphones, or musical instruments, making it the perfect solution for amateur and semi professional musicians and theatre performers.

PLL Technology

Fully synthesized PLL quartz tuning technology

8 Simultaneous Channels

Up to 8 simultaneous channels can be used on Channel 38 (licence fee applies) and 4 channels on Channel 70 (license free)

Long Battery Life

A single AA battery gives up to 10 hours of quality performance with a range up to 100 metres



S4.10-RXA-EB

Receiver

- › 16 selectable frequencies available
- › Up to 8 simultaneous channels
- › Fully synthesised PLL quartz tuning technology
Receiver LED's show AF peak level, RF level & diversity channel A or B
- › Diversity operation with detachable antenna
- › 19" rack mount option for one or two receivers

Options:

S4.10-RXA-EB-GD4 - CH70

S4.10-RXA-EB-GG3 - CH38

Diversity Reception	Antenna Diversity
Sensitivity	10uV at 45dBA, S/N
Squelch	Tone SQ, Carrier SQ, Noise SQ
Audio Frequency Response	50Hz - 15 kHz
Audio Output Level (Max.)	Balanced (XLR socket): 16dBu Unbalanced (1/4" jack socket): 10dBu
Power Supply	11-18 VDC 300mA
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)
Weight	480g



S4.10-RX2A-EB

Dual Receiver

- › Dual channel wireless receiver with audio mixing output
- › 16 selectable frequencies available
Up to 8 simultaneous channels
- › Fully synthesised PLL quartz tuning technology
- › Receiver LED's show AF peak level, RF level & diversity channel A or B
- › Diversity operation with detachable antenna
19" rack mount option for one or two receivers

Diversity Reception	Antenna Diversity
Sensitivity	10uV at 45dBA, S/N
Squelch	Tone SQ, Carrier SQ, Noise SQ
Audio Frequency Response	50Hz - 15 kHz
Audio Output Level (Max.)	Balanced (XLR socket): 16 dBu Unbalanced (1/4" jack socket): 10dBu
Power Supply	11-18 VDC 300mA
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)
Weight	480g

Options:

- S4.10-RX2A-EB-GD4 - CH70
- S4.10-RX2A-EB-GG3 - CH38



S4.10-HDX-EB

Handheld Transmitter

- › Dynamic Microphone with cardioid pattern
- › Single AA transmitter battery life of approx 10 hours.

RF Carrier Power	10 mW
Audio Frequency Response	80 Hz - 15 kHz
Audio Input Level	140 dB SPL (maximum)
Battery Life	Approx. 10 hours
Power Supply	1 AA size alkaline battery, 1.5 V
Finish	Resin, coating
Dimensions	250 x ø50 mm
Weight	245g (with battery)

Options:

- S4.10-HDX-EB-WD4 - CH70
- S4.10-HDX-EB-WG3 - CH38



S4.10-BTX-EB

Beltpack Transmitter

- ▶ Locking 3.5mm jack
- ▶ Integral switch for selection between instrument and microphone
- ▶ Single AA transmitter battery life of approx 10 hours.



RF Carrier Power	10 mW
Audio Frequency Response	50 Hz -15 kHz
Audio Input Level	-6 dBV (maximum), mic gain 0dB
Battery Life	Approx. 10 hours
Power Supply	1 AA size alkaline battery, 1.5 V
Finish	Resin, coating
Dimensions	62 (W) x 100 (H) x 25 (D) mm (with clip)
Weight	85g (with battery)

Options:

S4.10-BTX-EB-WD4 - CH70
S4.10-BTX-EB-WG3 - CH38

Available Systems



Earworn System

S4.10-E-EB GD4 Channel 70
S4.10-E-EB GG3 Channel 38



Lapel Microphone System

S4.10-L-EB GD4 Channel 70
S4.10-L-EB GG3 Channel 38



Theatre System

S4.10-T-EB GD4 Channel 70
S4.10-T-EB GG3 Channel 38



Aerobic System

S4.10-W-EB GD4 Channel 70
S4.10-W-EB GG3 Channel 38



Handheld Microphone System

S4.10-HD-EB GD4 Channel 70
S4.10-HD-EB GG3 Channel 38



Standard Headset System

S4.10-A-EB GD4 Channel 70
S4.10-A-EB GG3 Channel 38



Beltpack System (No mic supplied)

S4.10-B-EB GD4 Channel 70
S4.10-B-EB GG3 Channel 38

S4.10 Series

Rack 'n' Ready Systems

The S4.10 Wireless Microphone System is available in Trantec's Rack 'n' Ready format. These robust and compact racks are available in 4, 6, or 8 channel packages and are the perfect solution for schools, theatres, concert halls and Houses of Worship.



Up to 8 Simultaneous Channels

Can broadcast up to 8 simultaneous channels of true diversity operation

Simple Infra-red Programming

Simple programming of transmitters via infra-red

Wide Range of Options

Come in either 4, 6, 8 channel packages, with your choice of beltpack or handheld transmitters in any combination

Features

- › Up to simultaneous channels of true diversity operation
- › USB based computer monitoring
- › Simple programming of transmitters via infra-red
- › Single AA transmitter battery life of approx. 10 hours
- › 19" professional flight case with built in antennae distribution and power supply as standard

Assembled Package includes:

- › 4, 6, or 8 S4.10 Receivers
- › 4, 6, or 8 S4.10 transmitters in any combination of Beltpack or handheld
- › Antenna distribution unit
- › Power supply
- › Rack mounting trays
- › 2 x antennae
- › 19" professional flight case



Optional Remote Antenna Kit includes:

- › 2 x 10m antenna cables
- › 2 x antenna head amplifiers
- › 2 x antenna stands

S4.10 Series Rack 'n' Ready Options

4 Way
Rack



6 Way
Rack



8 Way
Rack



S5.5 Series

The S5.5 Series is a multi channel UHF product that enables you to run up to 24 channels simultaneously. The comprehensive upgrade and distinctive new look now offers the professional multi-channel radio mic user a powerful set of features with an unrivalled performance/cost ratio. And pricing is now up to 15% cheaper than the old S5.5!



Distinctive Design

All black fascia with distinctive colour backlit indicators

Removable Capsules

Handheld transmitters with removable capsules (dynamic, condenser or 3rd party)

RF Link Out

RF link out for cascading receivers (racks up to 8-way with no ADU)

RF Walk Test

Added to Software Ver1.6

Monitoring Software

Now compatible with Windows versions 7, 8, 10

S5.5-RX

Receiver

- Up to 1400 selectable frequencies
- USB based computer control and monitoring for all aspects of performance
- Simple programming of transmitter with built-in Infra-red data link
- Clear and intuitive LCD displays
- EQ and phase reversal
- RF Walk Test added to Software Ver1.6
- RF link our for cascading receivers (racks up to 8-way with no ADU)
- Monitoring software now compatible with Windows versions 7,8, 10

Power Consumption	300 mA (13V DC)
Diversity System	Space Diversity (true diversity)
Audio Output	Line: -22dB / Mic: 62dB
Antenna Phantom Power	9V DC, 30 mA (max)
Receiving Sensitivity	0 bD μ V or less(12dB SINAD)
Squelch Sensitivity	6-36dB μ V variable
S/N Ratio	Over 110dB (A-weighted)
Harmonic Distortion	Under 1% (typical)
Frequency Response	50Hz-20kHz, +3dB
Dimensions	210(W) x 46(H) x 210(D) mm (excluding antenna)
Weight	1.3kg

Options:
S5.5-RX-G2W - CH38



Available Systems

S5.5-HAD-EB GG1QO	Handheld System (Dynamic Capsule)	Channel 38
S5.5-HAD-EB GG1QO + YP-MS5HCX-EB QO	Handheld System (Condenser Capsule)	Channel 38
S5.5-BA-EB GG1QO + MIC-X2	Lapel System	Channel 38
S5.5-BA-EB GG1QO	Beltpack System (No Microphone Supplied)	Channel 38
S5.5-BA-EB GG1QO + MIC-X33	Standard Headset System	Channel 38
S5.5-BA-EB GG1QO + MIC-X66-BK + AB-1000	Aerobic Headset System with Belt	Channel 38
S5.5-BA-EB GG1QO + MIC-X22-P-R	Theatre Headset System	Channel 38
S5.5-BA-EB GG1QO + MIC-X22-P-R	Earworn System	Channel 38

S5.5-HDX / S5.5-HCX

Handheld Transmitter

- Simple programming of transmitter with built-in infra-red data link
- Frequency and Power lock facility
- Single AA transmitter battery life of approx 10 hours.
- Integral antenna
- Clear and intuitive LCD display
- Colour coded ID Band
- Professional metal enclosure
- Replaceable Dynamic (HDX) or Condenser (HCX) capsule

RF Carrier Power	Max. 30mW or less
Maximum Input Level	146dB SPL
Audio Frequency Response	60 Hz - 20kHz
Dynamic Range	110dB or more
Battery Life	Approx 10 hours
Power Supply	Single AA battery
Dimensions	247.9 x ø50 mm
Weight	380g (with battery)

Options:

S5.5-HDX-G1W - CH38 Dynamic
S5.5-HCX-G1W - CH38 Condensator



S5.5-BTX

Beltpack Transmitter

- Credit card sized beltpack
- Simple programming of transmitter with built in infrared data link
- Frequency and power lock facility
- Single AA battery life of approx 10 hours
- Detachable antenna
- Clear and intuitive LCD display
- Professional metal enclosure

RF Carrier Power	Max. 30 mW or less
Modulation System	PLL Synthesizer
Maximum Input Connector	120dB SPL
Audio Input Connector	TA-4 (mini XLR 4 pins)
Power Supply	Single AA battery
Battery Life	Approx. 10 hours
Dimensions	55(W) x 80(H) x 22(D) mm
Weight	140g with battery

Options:

S5.5-BTX-G1W - CH38



S5.5 Series

Rack 'n' Ready Systems

The S5.5 Wireless Microphone System is available in Trantec's Rack 'n' Ready format. These robust and compact racks are available in 4, 6, 8, 10 or 12 channel packages and are the perfect solution for schools, theatres, concert halls and Houses of Worship.



Up to 24 Simultaneous Channels

Can broadcast up to 24 simultaneous channels of true diversity operation

Simple Infra-red Programming

Simple programming of transmitters via infra-red

Wide Range of Options

Come in either 4, 6, 8, 10 or 12 channel packages, with your choice of beltpack or handheld transmitters in any combination

Features

- › Up to 24 (S5.5) simultaneous channels of true diversity operation
- › USB based computer monitoring
- › Simple programming of transmitters via infra-red
- › Credit card sized beltpack transmitters
- › Single AA transmitter battery life of approx. 10 hours
- › Professional metal enclosure on both transmitters and receivers
- › 19" professional flight case with built in antennae distribution and power supply as standard

Upgraded Features

- › All black fascia designs with distinctive colour backlit indicators
- › Stronger belt clip
- › Handheld transmitters with removeable capsules - dynamic, condenser or 3rd party
- › RF link out for cascading receivers (racks up to 8-way with no ADU!)
- › RF Walk Test added to Software Ver1.6
- › Monitoring software now compatible with Windows versions 7, 8, 10



Assembled Package includes:

- › 4, 6, 8, 10 or 12 receivers
- › 4, 6, 8, 10 or 12 transmitters in any combination of beltpack or handheld
- › Antenna distribution unit
- › Power supply
- › Rack mounting trays
- › 2 x antennae
- › 19" professional flight case

Optional Remote Antenna Kit includes:

- › 2 x 10m antenna cables
- › 2 x antenna head amplifiers
- › 2 x antenna stands

S5.5 Series Rack 'n' Ready Options

4 Way
Rack
Cube



4 Way
Rack



6 Way
Rack



8 Way
Rack



12 Way
Rack



10 Way
Rack



