



# WIRELESS SYSTEMS





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# TRANTEC WIRELESS SYSTEMS

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## Making sense of sound

For nearly thirty years Trantec have specialised in producing high quality wireless microphones and beltpacks.

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 broadcast, film, music, school, house of worship and theatre industries.

Now owned by TOA, Trantec continues to advance by investing in our own research and development to ensure that our product range maintains its innovative, market leading position.

For over a quarter of a century TOA has been committed to developing vocal and speech radio products to the highest specification at the cutting edge of technology.

We are proud to have become synonymous with high quality and reliability.

The introduction of Trantec S5/S4 wireless microphones has completed the TOA line up that allows integration into a wide and varied market sector that makes challenging demands within professional audio, broadcast, film, music and theatre.



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## Trantec S4.10 Series

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# Unbeatable in price and performance!

There is no easier way to create a multi-channel wireless system than with the S4.10. The S4.10 allows you to master a wide variety of challenges with up to ten simultaneous channels. No matter whether it's for vocals or speech using a handheld microphone or for instrument pickup using a beltpack transmitter – the S4.10 performs well.

The S4.10 offers great sound whose level simply regulate by use of the volume potentiometer on the rear panel. Furthermore our S4.10 series provides a robust wireless connection at an unbeatable price-performance-ratio.

It is aimed at amateur and semi-professional musicians who do not want to do without a reliable wireless system.



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### FEATURES

- Multi-channel-capable
- 16 selectable frequencies
- It covers inter alia registration free operation frequency band
- Product Highlights - Up to 10 simultaneous channels of true diversity operation
- Simple programming of transmitters via infra-red
- Single AA transmitter battery life of approx. 10 hours

### APPLICATIONS

- Speech
- Vocal
- Instruments
- Health and fitness clubs
- Amateur and semi-professional musicians

Wireless Systems / Trantec S4.10 Series / **S4.10 Sets**



S4.10-HD-EB  
Wireless Handheld Set

- S4.10-RXA x1
- S4.10-HDX x1
- Antennas x2
- AC-adapter x1
- Microphone holder x1



S4.10-L-EB  
Wireless Beltpack Set with Lavalier Microphone

- S4.10-RXA x1
- S4.10-BTX x1
- Antennas x2
- AC-adapter x1
- Screw driver x1
- MIC-LP2 x1



S4.10-B-EB  
Wireless Beltpack Set

- S4.10-RXA x1
- S4.10-HDX x1
- Antennas x2
- AC-adapter x1
- Screw driver x1



**Available Sets and order no.**

Wireless Handheld Set,  
Dynamic Capsule

Wireless Beltpack Set,  
incl Lavalier Microphone

Wireless Beltpack Set,  
Microphone not included

**Frequency Band\* C8 (822-832 MHz)**

S4.10-HD-EB EC8QJ

S4.10-L-EB EC8QJ

S4.10-B-EB EC8QJ

**Frequency Band\* G3 (606-612 MHz)**

S4.10-HD-EB EG3QJ

S4.10-L-EB EG3QJ

S4.10-B-EB EG3QJ

\*Please contact your national authority to obtain information on authorized frequencies for this wireless systems in your region.

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## Wireless Systems / Trantec S4.10 Series / **S4.10-RXA Receiver**

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S4.10-RXA-EB

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### FEATURES

- 16 selectable frequencies available
  - Use of up to 10 channels simultaneously
  - 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
  - Phantom power for optional external antennas
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### SPECIFICATIONS

	<b>Trantec S4.10-RXA-EB</b>
Diversity System	Antenna Diversity
Receiver Sensitivity	10 $\mu$ V 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 requirement	11-18 VDC, 300mA
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)
Weight	480g

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## Wireless Systems / Trantec S4.10 Series / **S4.10-HDX Handheld Microphone**

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S4.10-HDX

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### FEATURES

- Robust microphone
- Cardioid pattern
- Single AA battery life of approx 10 hours
- High max. SPL of 140dB
- Easy synchronisation with receiver

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### SPECIFICATIONS

	<b>Trantec S4.10-HDX</b>
RF Carrier Power	10 mW or less
Modulation system	PLL synthesizer
Audio Frequency Response	80 Hz -15 kHz
Audio Input Level	140 dB SPL (maximum)
Power supply	1 AA size alkaline battery, 1.5 V
Battery Life	Approx. 10 hours
Finish	Resin, coating
Dimensions	250 x ø 55 mm
Weight	245g (with battery)
Accessory	Microphone holder

#### **Available handheld microphone**

S4.10-HDX

#### **Frequency Band\* C8 (822-832 MHz)**

S4.10-HDX-EBWC8 QJ

#### **Frequency Band\* G3 (606-612 MHz)**

S4.10-HDX-EBWG3 QJ

\*Please contact your national authority to obtain information on authorized frequencies for this wireless systems in your region.

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Wireless Systems / Trantec S4.10 Series / **S4.10-BTX Beltpack Transmitter**



S4.10-BTX

FEATURES

- Light-weight and compact
- Easy synchronisation with receiver
- Locking 3.5mm jack
- Selection between instrument and microphone
- Single AA battery life of approx 10 hours.

OPTIONS

- MIC-LP2
- MIC-SJ66-BL / -BK / -YE
- MIC-SJ22-B-R / -P-R
- MIC-SJEM77P
- MIC-SJ33

SPECIFICATIONS

	<b>Trantec S4.10-BTX</b>
RF Radiated Power	10 mW or less
Modulation system	PLL synthesiser
Audio Frequency Response	50 Hz -15 kHz
Audio Input Level	-6 dBV (maximum), mic gain at 0dB
Audio Input Connector	3.5 phone jack
Power Supply	1 AA size alkaline battery, 1.5 V
Battery Life	Approx. 10 hours
Finish	Resin, coating
Dimensions	62 (W) x 100 (H) x 25 (D) mm (with clip)
Weight	85g (with battery)
Accessory	Screw driver

**Available beltpack transmitters**

S4.10-BTX

**Frequency Band\* C8 (822-832 MHz)**

S4.10-BTX-EBWC8 QJ

**Frequency Band\* G3 (606-612 MHz)**

S4.10-BTK-EBWG3 QJ

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## Wireless Systems / Trantec S4 series/**Lavalier microphones, headsets, accessory**

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**MIC-LP2** (black)



### Features

- Thousand times proven, rugged microphone at an absolutely unbeatable price
- Electret condenser capsule, omnidirectional
- Max. SPL: 120dB
- Frequency Response: 60Hz – 16kHz  $\pm$ 3dB

**MIC-SJ66-BK** (black)

**MIC-SJ66-BL** (blue)

**MIC-SJ66-YE** (yellow)



### Features

- Bestseller headset when it comes to fitness, aerobics and workout
- Comfortable tight fit and extremely robust construction
- Protection against the ingress of moisture
- Electret condenser capsule, super cardioid
- Max. SPL: 125dB
- Frequency Response: 60Hz – 16kHz  $\pm$ 3dB

**MIC-SJ22-B-R** (black)

**MIC-SJ22-P-R** (beige)



### Features

- One of the smallest and lightest headsets on the market
- Extremely light but ultra-flexible headband made of a special nylon composite
- Perfectly adaptable to any head shape
- Electret condenser capsule, omnidirectional
- Max. SPL: >120dB
- Frequency Response: 40Hz – 16kHz  $\pm$ 3dB

**MIC-SJEM77P** (beige)



### Features

- Earworn microphone
- Extremely low weight
- Ensures complete freedom of movement
- Ideal for a variety of applications
- Electret condenser capsule, omnidirectional
- Frequency Response: 20Hz – 20kHz  $\pm$ 3dB

**MIC-SJ33** (black)



### Features

- High performance, cost-effective solution
- with headband for secure fixation
- For sports, journalism and event applications
- with foam windshield
- Max. SPL: 120dB
- Frequency Response: 20Hz–16kHz

**Neoprene Aerobic Belt**  
**ACC-AB1000**



### Features

- When the beltpack transmitter cannot be attached to clothing
- Suitable for S4 series beltpack transmitters

**MICROPHONE WINDSHIELD**  
**ACC-66WS**



### Features

- Foam windshield for MIC-SJ66-BK/BL/YE, black

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## Tramtec S5.5 Series

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# For highest demands & maximum number of channels.

The S5.5 Series is an advanced UHF system offering 35MHz of switching bandwidth. It allows for simultaneous operation of up to 24 channels – and all this at a price performance ratio that you will find hard to match. Suitable for professional musicians, theatre productions and broadcasting, the S5.5 can be used with a wide range of microphones or an instrument cable.

Its professional metal enclosure provides a reliable and professional performance at a price that is hard to match.

The S5.5 Wireless Microphone System the perfect solution for schools, theatres, concert halls and Houses of Worship.



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### FEATURES

- True diversity operation
- 1,400 selectable frequencies
- Automatic frequency scan
- Simple operation using LCD screen and jog wheel
- Infrared synchronization between transmitter and receiver
- Rugged metal housings
- Handheld microphone with removable Capsules – Dynamic, Condenser, or 3rd Party

### ACCESSORIES

- Lavaliers & Headsets
- Accessories
- Condenser Capsule

### APPLICATIONS

- Speech
- Vocal
- Instruments
- Theater
- Fixed installations
- Musical

Wireless Systems / Trantec S5.5 Series / **S5.5 Sets**



S5.5-HDA-EB EG1QJ  
Wireless Handheld Set

- S5.5-RX x1
- S5.5-HDX2 x1
- Antennas x2
- BCD cables x2
- Rack mount kit x1
- Microphone holder x1
- Colour rings x6
- CD-Rom with software x1



S5.5-BA-EB EG1QJ  
Wireless Beltpack Set

- S5.5-RX x1
- S5.5-BTX2 x1
- Antennas x2
- BCD cables x2
- Rack mount kit x1
- CD-Rom with software x1



**Available sets and order no.**

- Wireless Handheld set w/ dynamic capsule
- Wireless Beltpack Set, microphone not included

**Frequency Band\* G1 (601-638 MHz)**

- S5.5-HDA-EB EG1QJ
- S5.5-BA-EB EG1QJ

\*Please contact your national authority to obtain information on authorized frequencies for this wireless systems in your region.

Wireless Systems / Trantec S5.5 Series / True Diversity Receiver / **S5.5-RX**



S5.5-RXA

FEATURES

- 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 out for cascading receivers (racks up to 8-way)
- Monitoring software compatible with Windows versions 7,8, 10
- Phantom power for optional external antenna

SPECIFICATIONS

	<b>S5.5-RXA</b>
Diversity System	Space Diversity (true diversity)
Receiving Sensitivity	1 $\mu$ V at 12dB SINAD
Squelch	Tone SQ, Carrier SQ (adjustable), Noise SQ
Antenna Phantom Power	9V DC, 60 mA (max.)
Frequency Response	50Hz-20kHz, $\pm$ 3dB
Audio Output	Line: +15dBm, MIC: -25dBm (all balanced)
S/N Ratio	Over 110dB (A-weighted)
Harmonic Distortion	Under 1% (typical)
Power Requirement	12 VDC, 300mA
Dimensions	210 (W) x 46 (H) x 210 (D) mm (excluding antenna)
Weight	1.3kg

Wireless Systems / Trantec S5.5 Series / Bodypack Transmitter/**S5.5-BTX2**



S5.5-BTX2

FEATURES

- 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 8 hours
- Detachable antenna
- Clear and intuitive display
- Professional metal enclosure

SPECIFICATIONS

	<b>S5.5-BTX2</b>
RF Radiated Power	10 mW or less
Modulation System	PLL Synthesizer
Frequency Response	50 Hz - 16 kHz
Audio Input Level	-6 dB (max.) at mic gain 0 dB
Audio Input Connector	TA-4 (mini XLR 4 pins)
Power Supply	Single AA battery
Battery Life	Approx. 8 hours
Finish	Aluminium, black, painted
Dimensions	55 (W) x 80 (H) x 22 (D) mm
Weight	140g with battery
<b>Available beltpack transmitters</b>	<b>Frequency Band* G01 (606-637 MHz)</b>
S5.5-BTX	S5.5-BTX-EBWG3 QJ

\*Please contact your national authority to obtain information on authorized frequencies for this wireless systems in your region.

Wireless Systems / Trantec S5.5 Series / Dynamic Handheld Microphone / **S5.5-HDX2**



S5.5-HDX2

FEATURES

- Extremely high SPL of 140 dB
- Simple programming of transmitter with built-in infra-red data link
- Frequency and Power lock facility
- Single AA transmitter battery life of approx. 8 hours

- Removable Capsules – Dynamic, condenser or 3<sup>rd</sup> party
- Integral antenna
- Clear and intuitive LCD display
- Colour coded ID Band
- Professional metal enclosure

OPTIONS

- YP-M55HCX-EB Condenser Capsule

SPECIFICATIONS

	<b>S5.5-HDX</b>
RF Radiated Power	10mW or less
Modulation system	PPL System
Audio Frequency Response	100 Hz - 12 kHz
Audio Level	140dB SPL
Dynamic Range	110dB or more
Power Supply	Single AA battery
Battery Life	Approx 8 hours
Finish	Body: Amuliniun, black ,painted, Microphone head: steel, black, painted
Dimensions	247.9 x ø 50mm
Weight	305g (with battery)

**Available handheld microphones**

S5.5-HDX2

**Frequency Band\* G01 (606-637 MHz)**

S5.5-HDX2-EBWG01 QJ

\*Please contact your national authority to obtain information on authorized frequencies for this wireless systems in your region.

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## Wireless Systems / Trantec S5.5 Series / S5 Series / **Lavaliers, headsets, accessory**

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### **MIC-X2** (black)



#### Features

- Thousand times proven, rugged microphone
- Omnidirectional electret condenser capsule
- Max. SPL: 120dB
- Frequency Response: 60Hz – 16kHz  $\pm$ 3dB

### **MIC-X66-BK** (black)

### **MIC-X66-BL** (blue)

### **MIC-X66-YE** (yellow)



#### Features

- Bestseller headset when it comes to fitness, aerobics and workout
- Comfortable tight fit and extremely robust construction
- Protection against the ingress of moisture
- Electret condenser capsule, super cardioid
- Max. SPL: 125dB
- Frequency Response: 60Hz – 16kHz  $\pm$ 3dB

### **MIC-X22-B-R** (black)

### **MIC-X22-P-R** (beige)



#### Features

- One of the smallest and lightest headsets on the market
- Extremely light but ultra-flexible headband made of a special nylon composite
- Perfectly adaptable to any head shape
- Electret condenser capsule, omnidirectional
- Frequency Response: 40Hz – 16kHz  $\pm$ 3dB

### **MIC-XEM77P** (beige)



#### Features

- Earworn microphone
- Extremely low weight
- Ensures complete freedom of movement
- Ideal for a variety of applications
- Electret condenser capsule, omnidirectional
- Frequency Response: 20Hz – 20kHz  $\pm$ 3dB

### **MIC-X33** (black)



#### Features

- High performance, cost-effective solution
- with headband for secure fixation
- For sports, journalism and event applications
- with foam windshield
- Max. SPL: 120dB
- Frequency Response: 20Hz–16kHz

### **MICROPHONE WINDSHIELD** **ACC-66WS**



#### Features

- Foam windshield for MIC-X66-BK/BL/YE



**We supply sound, not equipment.**  
[www.toa.eu](http://www.toa.eu)

My TOA and Trantex distributor

**TOA Electronics Europe GmbH**  
[www.toa.eu](http://www.toa.eu)

Specifications are subject to change without notice.  
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