



Product Launch Announcement

XS Wireless 1 DUAL



Sennheiser is proud to announce the launch of XS Wireless 1 DUAL. XS Wireless 1 DUAL is a new addition to our highly successful XS Wireless 1 series. XS Wireless 1 DUAL will offer two new dual-channel vocal sets that will be ideally suited for DJs, churches and schools. The dual receiver will also be available separately, allowing end users to assemble additional configurations.

Series Overview

XS Wireless 1 DUAL is a dual channel wireless system for singers and presenters. Designed with ease of use in mind, these analog UHF systems feature a sleek dual-channel receiver with built-in antennas and the streamlined interface from our popular XS Wireless 1 single channel sets.

Models

Model	Description	Set Includes	
XSW 1-825 DUAL	DUAL VOCAL SET featuring two handheld transmitters with e825 cardioid dynamic capsules and dual receiver with built-in internal antennas	<ul style="list-style-type: none">• (2) SKM 825-XSW handheld transmitters with mute switch and e825 cardioid dynamic capsules• (1) EM-XSW 1 DUAL stationary receiver with internal antennas• (2) MZQ 1 microphone clips• (1) NT 12-5 CW power supply• (2) pairs AA batteries• (1) Quick Start Guide	
XSW 1-835 DUAL	DUAL VOCAL SET featuring two handheld transmitters with e835 cardioid dynamic capsules and dual receiver with built-in internal antennas	<ul style="list-style-type: none">• (2) SKM 835-XSW handheld transmitters with mute switch and e835 cardioid dynamic capsules• (1) EM-XSW 1 DUAL stationary receiver with internal antennas• (2) MZQ 1 microphone clips• (1) NT 12-5 CW power supply• (2) pairs AA batteries• (1) Quick Start Guide	
EM-XSW 1 DUAL	Dual-channel stationary receiver with built-in internal antennas, for use with XS Wireless transmitters	<ul style="list-style-type: none">• (1) EM-XSW 1 DUAL stationary receiver with internal antennas• (1) NT 12-5 CW power supply• (1) Quick Start Guide	



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Customer Availability

Pre-orders are currently being accepted. First shipments will commence in April 2018.

Frequency Variants

XS Wireless 1 DUAL sets will be available in the following frequency variants:

- A (548 - 572 MHz)
- GB (606 - 630 MHz)
- B (614 - 638 MHz)
- C (766 - 790 MHz)
- E (821 - 832 / 863 - 865 MHz)



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Technical Specifications

XS WIRELESS 1 DUAL SYSTEM	
Modulation	Wideband FM
Frequency ranges	A: 548 - 572 MHz
Switching bandwidth	Up to 24 MHz
Frequencies	80 factory presets (8 banks of 10 channels each)
Signal-to-noise ratio	≥ 103 dBA
THD	≤ 0.9%
Temperature range	Operation: 0°C to +40°C Storage: -20°C to +70°C
Transmitter synchronization	2.4 GHz, low power OQPSK (only active during synchronization)



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Technical Specifications

EM-XSW 1 DUAL	DUAL RECEIVER
Receiver principle	Double superheterodyne
Diversity principle	Antenna switching diversity via internal antennas
Sensitivity (at peak deviation)	< 3 µV at 52 dB(A) rms S/N
AF frequency response	50 to 16,000 Hz (–3 dB)
Max. AF output voltage (at peak deviation, 1 kHz AF)	1/4" (6.3 mm) socket (unbalanced): +6 dBu XLR socket (balanced): +12 dBu
Audio adjustment range	45 dB, adjustable in 5 dB steps
Power supply	12 V DC nom. / 300 mA
Squelch	Adjustable from 3 dBµV to 28 dBµV (combined with pilot tone)
Line/Mic level	20 dB, switchable
Housing material	Rugged ABS housing
Dimensions (W x H x D)	approx. 320 x 126.5 x 42 mm
Weight	approx. 620 g





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Technical Specifications

SKM 825-XSW and SKM 835-XSW	HANDHELD TRANSMITTERS
RF output power	10 mW
AF frequency response	80-16,000 Hz
Power supply	2 AA size batteries, 1.5 V
Operating time	approx. 10 hrs
Microphone type	Dynamic
Pick-up pattern	Cardioid
Input sensitivity (capsule)	1.5 mV / Pa
Transmitter sensitivity	0 to -30 dB, adjustable in 10 dB steps
Housing material	Rugged ABS housing
Dimensions (L x Ø)	approx. 260 x 50 mm
Weight	approx. 245 g

