

# XS WIRELESS 1 VOCAL SETS



XSW 1-825 / XSW 1-835

## DESCRIPTION

Raise Your Voice. Go for XS WIRELESS 1 and rely on a solid wireless transmission with up to 10 compatible channels in a stable UHF band.

The XS WIRELESS 1 VOCAL SET is an easy to use all-in-one wireless system for singers and presenters, excellent for live sound featuring Sennheiser's renowned evolution microphone capsules, e825 (dynamic, cardioid) to get started, or e835 (superior dynamic, cardioid) to perform under pressure. The set includes an intuitive stationary receiver for quick set-up and hassle-free handling, as well as a vocal microphone and microphone clamp.



## SCOPE OF SUPPLY

- 1 receiver EM-XSW 1
- 1 handheld transmitter SKM 825-XSW or SKM 835-XSW
- 1 microphone clamp MZQ 1
- 1 power supply NT 12-5 CW
- 2 AA batteries

## FEATURES

- Excellent live sound featuring Sennheiser's renowned evolution microphone capsules (e825 or e835)
- Antenna-switching diversity reception
- Integrated antennas
- Automatic frequency management and synchronization via remote channel for easy setup
- Selectable UHF frequencies within a large bandwidth
- Up to 10 compatible channels

## MICROPHONES

- e825 dynamic cardioid microphone (XSW 1-825)
- e835 superior dynamic cardioid microphone (XSW 1-835)

## ACCESSORIES / SPAREPARTS

- MZQ 1 microphone clamp
- NT 12-5 CW power supply unit

*For more accessories and spareparts please visit [www.sennheiser.com](http://www.sennheiser.com)*

## PRODUCT VARIANTS

■ 507108	XSW 1-825-A	A-Range: 548 - 572 MHz	incl. e825 dynamic microphone
■ 507109	XSW 1-825-B	B-Range: 614 - 638 MHz	incl. e825 dynamic microphone
■ 507110	XSW 1-825-C	C-Range: 766 - 790 MHz	incl. e825 dynamic microphone
■ 507111	XSW 1-825-D	D-Range: 794 - 806 MHz	incl. e825 dynamic microphone
■ 507112	XSW 1-825-E	E-Range: 821 - 832 MHz, 863 - 865 MHz	incl. e825 dynamic microphone
■ 507113	XSW 1-825-GB	GB-Range: 606 - 630 MHz	incl. e825 dynamic microphone
■ 507114	XSW 1-825-K	K-Range: 925 - 937,5 MHz	incl. e825 dynamic microphone
■ 507115	XSW 1-835-A	A-Range: 548 - 572 MHz	incl. e835 superior dynamic microphone
■ 507116	XSW 1-835-B	B-Range: 614 - 638 MHz	incl. e835 superior dynamic microphone
■ 507117	XSW 1-835-C	C-Range: 766 - 790 MHz	incl. e835 superior dynamic microphone
■ 507118	XSW 1-835-D	D-Range: 794 - 806 MHz	incl. e835 superior dynamic microphone
■ 507119	XSW 1-835-E	E-Range: 821 - 832 MHz, 863 - 865 MHz	incl. e835 superior dynamic microphone
■ 507120	XSW 1-835-GB	GB-Range: 606 - 630 MHz	incl. e835 superior dynamic microphone
■ 507121	XSW 1-835-K	K-Range: 925 - 937,5 MHz	incl. e835 superior dynamic microphone

# XS WIRELESS 1 VOCAL SETS

XSW 1-825 / XSW 1-835



## TECHNICAL DATA

### SYSTEM (XSW 1-825, XSW 1-835)

Modulation.....	wideband FM
Frequency ranges .....	A: 548-572 MHz, GB: 606-630 MHz B: 614-638 MHz, C: 766-790 MHz D: 794-806 MHz, E: 821-832 MHz, 863-865 MHz K: 925-937.5 MHz
Switching bandwidth .....	up to 24 MHz
Frequencies .....	8 frequency banks, each with up to 10 factory-preset channels
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)

### RECEIVER (EM-XSW 1)

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) jack 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. 200 x 42 x 127 mm
Weight .....	approx. 340 g

### MICROPHONES (SKM 825-XSW 1, SKM 835-XSW 1)

RF output power .....	10 mW
AF frequency response.....	SKM 825: 80-14,000 Hz SKM 835: 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
Adjustment range of 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

## CONNECTIONS

### RECEIVER



## AVAILABLE SETS XS WIRELESS 1

- XSW 1 VOCAL SETS  
e825 (dynamic, cardioid) or e835  
(superior dynamic, cardioid)
- XSW 1 INSTRUMENT SET
- XSW 1 HEADMIC SET
- XSW 1 LAVALIER MIC SET
- XSW 1 BRASS SET

## ALSO AVAILABLE XS WIRELESS 2

High flexibility for those willing to go a step further. XS WIRELESS 2 grows with your demands by offering an LCD display for more manual options and 12 compatible channels in a stable UHF band, withstanding tougher live stage conditions. Metal receiver housing and rackmount kit included!

- XSW 2 VOCAL SETS  
e835 (dynamic, cardioid) or e865 (con-  
denser, super-cardioid)
- XSW 2 INSTRUMENT SET
- XSW 2 HEADMIC SET
- XSW 2 LAVALIER MIC SET

## PACKAGING

Master carton 3 pcs. (390 x 280 x 360 mm): 4,347 g / Set carton (348 x 345 x 86 mm): 1,449 g

507108	XSW 1-825-A	EAN: 4044155213348, UPC: 615104278615 / 507109	XSW 1-825-B	EAN: 4044155213355, UPC: 615104278707
507110	XSW 1-825-C	EAN: 4044155213362, UPC: 615104278714 / 507111	XSW 1-825-D	EAN: 4044155213379, UPC: 615104278738
507112	XSW 1-825-E	EAN: 4044155213386, UPC: 615104278745 / 507113	XSW 1-825-GB	EAN: 4044155213393, UPC: 615104278769
507114	XSW 1-825-K	EAN: 4044155213409, UPC: 615104278776		
507115	XSW 1-835-A	EAN: 4044155213416, UPC: 615104278790 / 507116	XSW 1-835-B	EAN: 4044155213423, UPC: 615104278806
507117	XSW 1-835-C	EAN: 4044155213430, UPC: 615104278837 / 507118	XSW 1-835-D	EAN: 4044155213447, UPC: 615104278844
507119	XSW 1-835-E	EAN: 4044155213454, UPC: 615104278851 / 507120	XSW 1-835-GB	EAN: 4044155213478, UPC: 615104278875
507121	XSW 1-835-K	EAN: 4044155213461, UPC: 615104278868		