

# XS WIRELESS 2 VOCAL SETS

XSW 2-835 / XSW 2-865



## DESCRIPTION

Raise Your Voice. High flexibility for those willing to go a step further. XS WIRELESS 2 grows with your demands by offering an intuitive LCD display for more manual options and 12 compatible channels in a stable UHF band, withstanding tougher live stage conditions.

The XS WIRELESS 2 VOCAL SET is an easy to use all-in-one wireless system for singers and presenters featuring Sennheiser's renowned evolution microphone capsules, e835 (superior dynamic, cardioid) to perform under pressure, or e865 (condenser, super-cardioid) to capture every detail. Metal receiver housing and rackmount kit included.



## SCOPE OF SUPPLY

- 1 receiver EM-XSW 2
- 1 handheld transmitter SKM 835-XSW or SKM 865-XSW
- 1 microphone clamp MZQ 1
- 1 power supply NT 12-5 CW
- 2 AA batteries
- 1 rackmount kit
- 1 pouch
- user manual

## FEATURES

- Excellent live sound featuring Sennheiser's renowned evolution microphone capsules (e835 or e865)
- True diversity receiver with metal housing
- External antennas
- Automatic frequency management and synchronization via remote channel for easy setup
- Fully tunable over a wide range of UHF frequencies
- Rackmount kit included
- Up to 12 compatible channels

## MICROPHONES

- e835 superior dynamic cardioid microphone (XSW 2-835)
- e865 condenser, super-cardioid microphone (XSW 2-865)

## 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

■ 507143	XSW 2-835-A	A-Range: 548 - 572 MHz	incl. e835 superior dynamic cardioid microphone
■ 507144	XSW 2-835-B	B-Range: 614 - 638 MHz	incl. e835 superior dynamic cardioid microphone
■ 507145	XSW 2-835-C	C-Range: 766 - 790 MHz	incl. e835 superior dynamic cardioid microphone
■ 507146	XSW 2-835-D	D-Range: 794 - 806 MHz	incl. e835 superior dynamic cardioid microphone
■ 507147	XSW 2-835-E	E-Range: 821 - 832 MHz, 863 - 865 MHz	incl. e835 superior dynamic cardioid microphone
■ 507148	XSW 2-835-GB	GB-Range: 606 - 630 MHz	incl. e835 superior dynamic cardioid microphone
■ 507149	XSW 2-835-K	K-Range: 925 - 937,5 MHz	incl. e835 superior dynamic cardioid microphone
■ 507150	XSW 2-865-A	A-Range: 548 - 572 MHz	incl. e865 condenser super-cardioid microphone
■ 507151	XSW 2-865-B	B-Range: 614 - 638 MHz	incl. e865 condenser super-cardioid microphone
■ 507152	XSW 2-865-C	C-Range: 766 - 790 MHz	incl. e865 condenser super-cardioid microphone
■ 507153	XSW 2-865-D	D-Range: 794 - 806 MHz	incl. e865 condenser super-cardioid microphone
■ 507154	XSW 2-865-E	E-Range: 821 - 832 MHz, 863 - 865 MHz	incl. e865 condenser super-cardioid microphone
■ 507155	XSW 2-865-GB	GB-Range: 606 - 630 MHz	incl. e865 condenser super-cardioid microphone
■ 507156	XSW 2-865-K	K-Range: 925 - 937,5 MHz	incl. e865 condenser super-cardioid microphone

# XS WIRELESS 2 VOCAL SETS

XSW 2-835 / XSW 2-865



## TECHNICAL DATA

### SYSTEM (XSW 2-835, XSW 2-865)

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 .....	adjustable in 25-kHz steps 8 frequency banks, each with up to 12 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 2)

Receiver principle .....	double superheterodyne
Diversity principle .....	True Diversity
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 .....	40 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 metal housing
Dimensions (W x H x D) .....	approx. 200 x 42 x 127 mm
Weight .....	approx. 680 g

### MICROPHONES (SKM 835-XSW 2, SKM 865-XSW 2)

RF output power .....	10 mW
AF frequency response.....	SKM 835 / SKM 865: 80-16,000 Hz
Power supply .....	2 AA size batteries, 1.5 V
Operating time.....	approx. 10 hrs
Microphone type.....	SKM 835: dynamic / SKM 865: condenser
Pick-up pattern .....	SKM 835: cardioid / SKM 865: super-cardioid
Input sensitivity (capsule) .....	SKM 835: 1.5 mV/Pa, SKM 865: 1.8 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 2

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

## ALSO AVAILABLE XS WIRELESS 1

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

- 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

## PACKAGING

Master carton 3 pcs.

507143	XSW 2-835-A	EAN: 4044155214079, UPC: 615104279902 / 507144	XSW 2-835-B	EAN: 4044155214086, UPC: 615104279919
507145	XSW 2-835-C	EAN: 4044155214093, UPC: 615104279926 / 507146	XSW 2-835-D	EAN: 4044155214109, UPC: 615104279933
507147	XSW 2-835-E	EAN: 4044155214116, UPC: 615104279940 / 507148	XSW 2-835-GB	EAN: 4044155214123, UPC: 615104279957
507149	XSW 2-835-K	EAN: 4044155214130, UPC: 615104279964		
507150	XSW 2-865-A	EAN: 4044155214147, UPC: 615104279971 / 507151	XSW 2-865-B	EAN: 4044155214154, UPC: 615104279988
507152	XSW 2-865-C	EAN: 4044155214161, UPC: 615104279995 / 507153	XSW 2-865-D	EAN: 4044155214178, UPC: 615104280007
507154	XSW 2-865-E	EAN: 4044155214185, UPC: 615104280045 / 507155	XSW 2-865-GB	EAN: 4044155214192, UPC: 615104280052
507156	XSW 2-865-K	EAN: 4044155214208, UPC: 615104280069		