



SMART SoundFlow audio broadcasting system



Overview

The SMART SoundFlow audio broadcasting system is a classroom, direct to device audio broadcasting system that delivers equal access to instruction through discreet transmission to Auracast™ compatible personal listening devices, without complex infrastructure. Teachers manage audio easily from the familiar iQ 4 interface, with simple controls to start, stop, and personal identification number (PIN) protected sessions. The SMART SoundFlow system is designed for broad compatibility and low deployment effort. It works with all Auracast devices while keeping audio secure through protected transmission channels.

When paired with a SMART SoundLift voice amplification solution¹, teachers can broadcast both their voice and multimedia audio simultaneously, ensuring clear audibility of instruction while media is playing.

Transmitter

Bluetooth Version	6.0
Supported Audio Codecs	LC3 Codec
Supported Bluetooth Profiles	Auracast Broadcast
Audio Latency	24 kHz sample rate: ≤ 40ms 48 kHz sample rate: ≤ 75ms
Audio in	3.5 mm audio/USB Type-C
Audio out	3.5 mm audio
Transmission power	10 dBm
Sampling rate	24/48 kHz
Broadcast security	Open Encrypted Assisted access
Operating Range	98' (30 m) (clear line-of-sight)

¹Sold separately.

Connectors and mounting

Connectors

Audio in	Stereo 3.5 mm
Power in	USB 2.0 Type-C

Connectors-optional

Audio out	Stereo 3.5 mm
Power out, 5V DC	USB 2.0 Type-A
Display service port (pass-through)	Same connector as above (Power out)

Mounting

Transmitter mounting options:

- Magnetic, mounted on the display's frame
- Screw-secured, mounted on a wall

Included cables and accessories	Qty
39 3/8" (100 cm) USB Type-A to USB Type-C	1
39 3/8" (100 cm) 3.5 mm TRS audio cable	1
Transmitter mounting brackets:	• display 1 • wall 1
Illustrated installation instructions	1

Supported iQ system software

iQ version	4.7.3 or later
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Supported SMART Board displays interactive displays

- SMART Board® MX (V5)
- SMART Board MX (V5) Plus
- SMART Board QX (V2) Pro
- SMART Board RX

Storage and operating requirements

Power requirements	5 VDC @ 500 mA, 2.5 W
Operating temperature	41–95°F (5–35°C)
Storage temperature	–4–140°F (–20–60°C)
Humidity	5–80% relative humidity, non-condensing

Certification and compliance

Regulatory models	SAT-1
US / Canada	FCC ISD TSCA CONEG packaging Prop 65
EU / EEA / EFTA / UK	CE UKCA LVD EMC RED REACH RoHS POP WEEE PPWR
Australia / New Zealand	RCM

Purchasing information

Order number

SND-FL SMART SoundFlow Audio
Broadcasting System

Optional accessories See smarttech.com/accessories

SMART Warranty

Terms and conditions and warranty
upgrade options vary by region.
Visit smarttech.com/warranty or
contact your reseller for
information.

Cable requirements

See > [SMART cables and connectors guide](#)
(docs.smarttech.com/kb/171926)

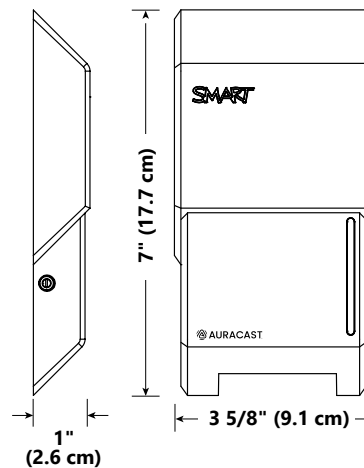


Installation, dimensions, and weights

Note

All dimensions ± 1/8" (0.3 cm). All weights ± 1.8 oz. (50 g).

Dimensions



Weight

6 oz. (170 g)

Shipping dimensions

11 3/8" × 8 1/4" × 1
3/4" (29 cm × 21 cm ×
4.6 cm)

Shipping weight

23 oz. (650 g)

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