



DATA SHEET -DSI 100

Digital Sound Interface

AI-based digital sound interface

AVLINK's AI-based digital sound interface DSI100 is designed and made in India, it is an intelligent microphone processing device with built-in noise cancellation, echo cancellation and reverberation reduction algorithm designed to remove the various disturbing audio artefacts during your conference calls. It makes conferences smooth and productive.

Its built-in Class D amplifier provides loud and crisp audio output. DSI100 is equipped with high-speed full duplex USB audio port to digitally connect with your laptop and PCs. It has two additional high-speed USB ports to connect other peripherals like Camera and annotation devices.

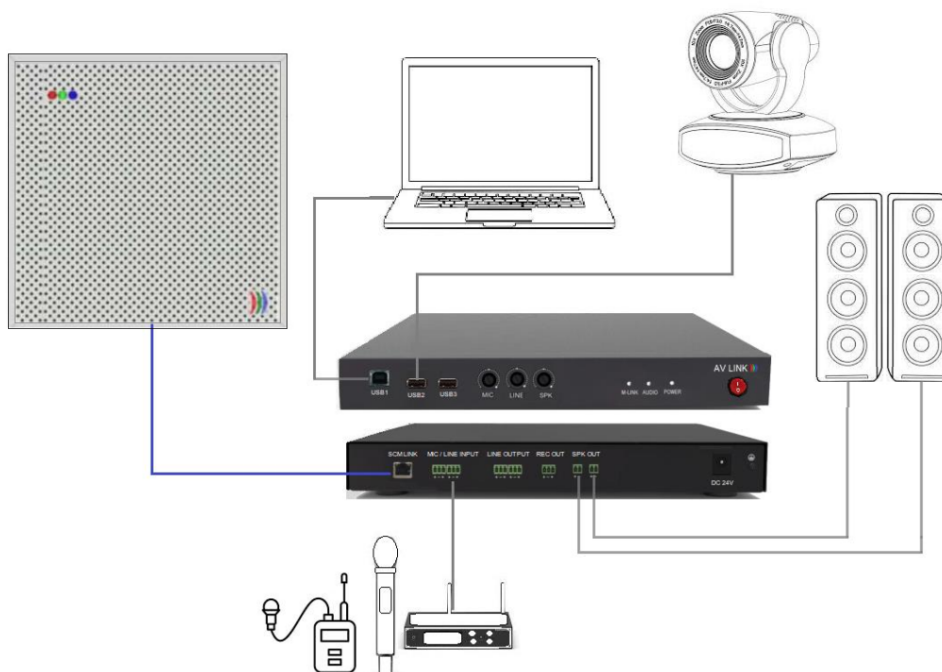
It is easy-to-install and use, unlike many other DSP Mixers you don't need to program it, just connect all the peripherals and its ready for the conference calls. It has built-in SCM Link port for interfacing AV Links's smart ceiling microphone. It is ideal for web conferencing, audio conferencing applications at various venues like classrooms, boardrooms, conference rooms, huddle rooms, home offices and many such other Venues.

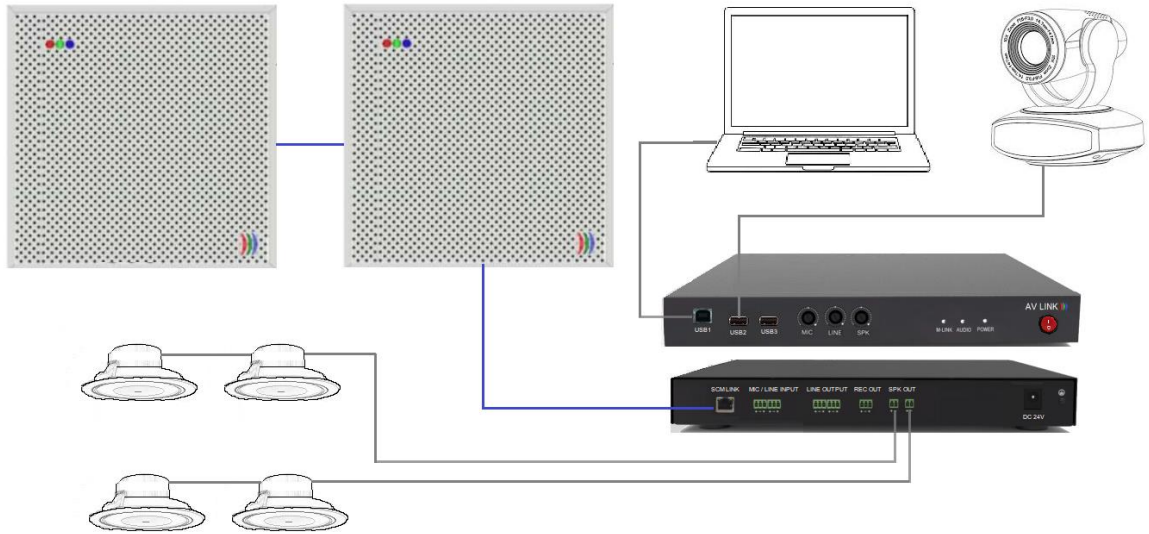


Advantages:

- **Designed and Made in India**
- **AI based Noise cancellation**
- **Easy Installation**
- **Built-in Amplifier**
- **Full Duplex USB audio port**
- **Two Additional USB ports**
- **Two Balanced Mic inputs**
- **Built-in Phantom Power**
- **SCM Link for Smart Ceiling Microphone**

Deployment Scenarios





Product Specifications: DSI 100

Mic Input Mode (Balanced) Phantom Power 24Volts

Frequency Response	20 Hz – 20 kHz (+0.1 dB)
Signal-to-Noise Ratio	109 dB (A-weighted)
THD+N	0.003% (min. gain, 0 dBu out, A-weighted)
Preamp EIN	-128 dBu (max. gain, 40 Ω source, A-weighted)
Gain Range	0 dB to +54 dB Direct Stereo: 6 dB to +60 dB

Line Input Mode (Balanced) Phantom power off

Frequency Response	20 Hz – 20 kHz (+0.1 dB)
Sensitivity	-43 dBu
THD	0.002% (min. gain, 0 dBu out, A-weighted)
Gain Range	10 dB to +44 dB Direct Stereo: -4 dB to +50 dB

Line Outputs (Balanced)

Frequency Response	20 Hz – 20 kHz (+0.1 dB)
Signal-to-Noise Ratio	109 dB (A-weighted)
THD	0.002% (0 dBu out, A-weighted)
Max Output Level	+4 dBu

Amplified Outputs 2X30 Watts @8 Ohms

Frequency Response	20 Hz – 20 kHz (+0.1 dB)
THD+N	0.1%
Continuous output power	THD+N = 10%, f = 1 kHz, PVCC = 21 V, 50 Watts
Operating Voltage	24 Volts

Installation venues

- Schools, Universities, colleges,
- Corporate training rooms
- Boardrooms, conference rooms
- Control and command centres,
- Medical training facilities
- Large lecture halls
- Recording studios
- Youtuber's studio
- Lecture Capturing
- Sound Monitoring
- Huddle rooms
- Online tuition
- Meeting rooms
- Home offices
- Museums

Dimensions & Weight

(W/D/H): 250X160X60mm
Weight 2.8 Kg
(DSI100)

Electrical (DSI100)

24 Volts 3 Amps



VOCAL FOR LOCAL