SPEAKER MICROPHONE INTERFACE SMI-3B1

PRODUCT CODE 51215

FEATURES

Provides the connection of a speaker, microphone and handset to any PC to achieve master station functionality

Balanced microphone input with built in phantom power feed

Control inputs for push-to-talk, volume control & other functions

Handset/headset connection

Automatic Gain Control (AGC)

Balanced audio output for recording conversations

Configurable NC/NO relay output

Optional streaming audio upgrade

OPTIONAL ACCOMPANYING PRODUCTS

Speaker Microphone Interface Console

PC Master (PCC-650MX/PCC-650MXTS)

SPECIFICATIONS

Microphone	200 Hz – 7 kHz (input circuit frequency response ±3 dB)
Output Distortion (Line to Speaker)	0.2 % (0.5 W RMS speaker output)
Input Distortion (Microphone to Line)	< 1 % @ mic. input of -50 dBu
Recording Output Type	Electronically balanced, non-isolated
Audio Streaming Bandwidth	128 kb/s each way
Button Inputs	Push-to-talk, volume up/down Button inputs 2 & 3 configurable for other uses
Auxiliary Functions	Relay contacts (1 x NO/NC) max. 2 A @ 24 V d.c.
Power Input	(12 – 32) V d.c., 24 V d.c. nominal
Power Consumption	5 W max.
Indicators	Power, +5 V, status, LAN link and activity
Cabling	Ethernet: 4 pair UTP CAT-5/5e/6, 100 m (328.08 ft) max. Connectors: 0.75 mm² (0.001 in²), multi-strand
Connectors	LAN/Power: RJ45 Power: 2 way 3.81 mm (0.15 in) combicon screw terminal block Speaker, mic in, recording out and control inputs: 12 way 3.81 mm (0.15 in) combicon screw terminal block Relay : 3 way 3.81 mm (0.15 in) combicon screw terminal block Handset/Headset: RJ45
Operating Temperature	(0 - 50)˚C (32 - 122)˚F
Operating Humidity	(10 – 90) % relative humidity (non-condensing)
Compliance	EMC: EN 55022, AS/NZS CISPR 22 Class A
Form Factor	Rectangular box, LAN and indicators on front, connections on rear
Dimensions (WxHxD)	103 mm x 30.5 mm x 168 mm (4.05 in x 1.2 in x 6.6 in)
Weight	0.35 kg (0.77 lb)
Material	Extruded aluminium
Finishes	Anodised, black
Environment	Indoor use only
Mounting Options	Mounting bracket: 120 mm (4.72 in) spacing for 2 screws