

SMARTWORKS™ MIC BOX

VOICE ACQUISITION DEVICE

SmartWORKS™ MIC BOX

- High Sensitivity Microphone
- Built-in High Pass Filter
- LED voice activity indicator
- Manual Button to Trigger Recording (Optional)
- External Remote Trigger (Optional)
- External Microphone (Optional)
- 1 Power Supply for 24 Microphones



Since 1991, Ai-Logix has designed boards used in interactive and passive telephony applications. With global support for all types of telephone and radio systems - analog, digital, and enterprise PBXs, Ai-Logix products have set a new world standard in telephony communications. A single API, combined with event driven reporting simplifies application development by providing one standard for all types of networks.

The SmartWORKS™ MIC BOX moves away from traditional telephone call recording to capture live conversations.

By utilizing our new microphone capture technology, businesses can now record any transaction necessary, whether for verification or dispute resolution. Using sensitive, directional microphones combined with our industry leading SmartWORKS blade technology, a live conversation recording system is now just as easy to deploy as a standard telephone recording application.



Key Features and Benefits

Business Use Cases

There are many uses for SmartWORKS™ LIVE Recording. Any place where a transaction may occur is an ideal spot to deploy a SmartWORKS™ MIC BOX. Negotiation rooms, Bank Tellers, Loan Closings, Home Closings, Interviews, Dispute Conferences and Court Rooms are only a sample of where the SmartWORKS™ MIC BOX can be deployed.

Recording Using LD

VOX Trigger: Using the voice activity detectors of the SmartWORKS™ LD Board (requires application), conversations can be automatically recorded.

Voltage Trigger: Using the voltage detectors of the SmartWORKS™ LD Board (requires application), conversations can be automatically recorded when the manual button is pressed.

External Power Supply

Drive multiple microphones with a single power supply, significantly simplifying the installation process.

U.S.A

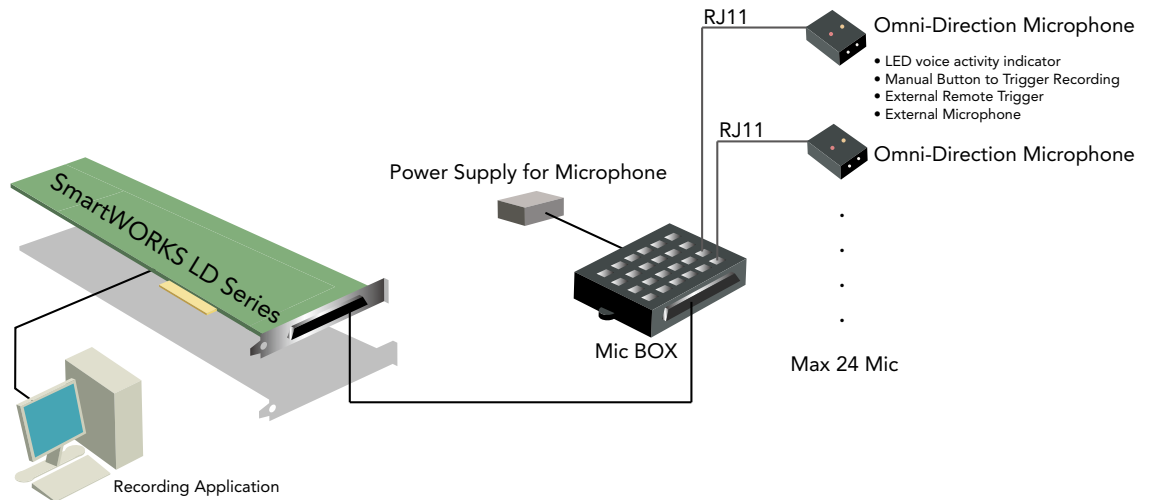
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MIC BOX Application Model



MIC BOX Specifications

POWER

Power Requirement.....DC 15V~24V (External Power Adaptor connected to RJ11 Breakout box)
Current Consumption.....4mA

SPECIFICATIONS

Dimension.....50mm(L) x 35mm(W) x 20mm(H)
Operation Temperature.....-20~70 C
Amplifier Fidelity.....0.1%
Manual Trigger Switch.....10V DC Normal State / Push button Momentary 24V DC 800ms
Microphone Type.....Omni-direction Condenser
External Microphone.....Audio Jack 3.5 mm (Internal Microphone disabled when connected)
Remote Trigger Switch.....Audio Jack 2.5mm

TELEPHONY

Frequency Response.....600Hz ~ 3400Hz +/- 3db
Signal /Noise ratio.....50db
Output Impedance.....50ohm
Connections.....RJ11 Connector (2wires)
Low Frequency Elimination.....-40db (50Hz or 60Hz)
Sensitivity.....-42db

CABLE LENGTH

Maximum length of RJ11 connector
.....750 meters

ORDER INFORMATION

910-0800-001.....Microphone
910-0800-002.....RJ11 Breakout Box with power adapter