

EK-700 Series

EXPANDER

General

The Expander, EK-700 series is a zone expander for DSP based voice alarm and public system (Ekonics). The system comprises of router which provides audio routing, expander control and fault reporting functions. the system is capable of 8 audio outputs and 8 programmable contact inputs.

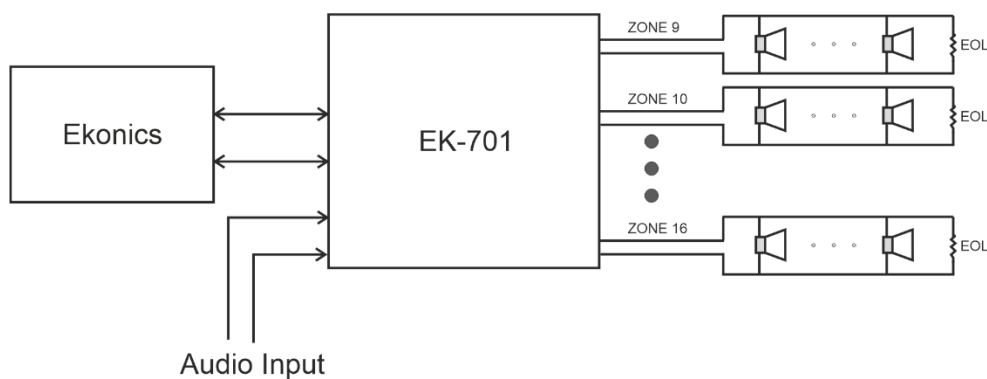
Features

- 2 audio input from Ekonics
- 8 Zone audio outputs.
- Common Fault, Communication Fault Status, Power Indication in LED indication.
- 19" Rack mountable.
- Zone wise selection with LED Indication
- All field circuits are supervised.

Specification

| Electrical Specification | |
|----------------------------------|---|
| <i>Operating Voltage</i> | 24 VDC Nominal. |
| <i>Operating Temperature</i> | 0 - 49° C / 32-120° F. |
| <i>Relative Humidity</i> | 93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ±3° F. |
| <i>Audio Inputs</i> | Pre-amp input, DVD and Record Input |
| <i>Audio outputs</i> | 8 |
| <i>Analogue input interfaces</i> | 8 Contacts (Normally Open) |
| <i>Dimensions(2U)</i> | 484 W X 88 H X 325 D mm |

Block Diagram

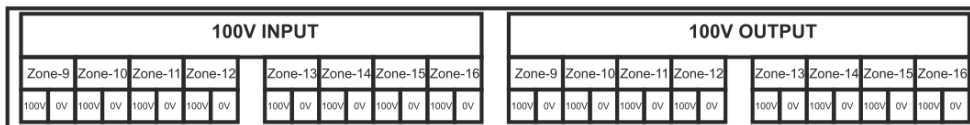
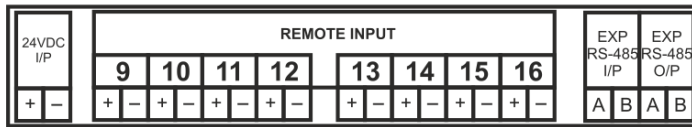


Terminal Details

EK-701 9 to 16 Zone Expander

R DVD I/P L

AMP REC
O/P I/P



Compatible Device

| Models | Description |
|---------|---|
| EKONICS | Digital Alarm & Voice Evacuation System |

Ordering Information

| Models | Description |
|--------|------------------------|
| EK-701 | 9 to 16 Zone Expander |
| EK-702 | 17 to 24 Zone Expander |
| EK-703 | 25 to 32 Zone Expander |
| EK-704 | 33 to 40 Zone Expander |
| EK-705 | 41 to 48 Zone Expander |
| EK-706 | 49 to 56 Zone Expander |
| EK-707 | 57 to 64 Zone Expander |

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