



**VARIZONE** VAB-Line  
VOLUME CONTROL  
and CHANNEL SELECT EXTENSION

## Product Overview:

The Volume Control and Channel Select Extension wall control panel is connected to the serial control interface of the VARIZONE I-PAM and allows the selection of up to 8 different sources and volume control for a predefined zone or group of zones. Each I-PAM can support up to two Volume Control and Channel Select Extension modules.

The wall control panel consists of two parts: Volume Control unit for volume control (host unit) and Channel Select Extension for source selection (client unit). For volume control the Volume Control unit provides a rotary encoder and is connected to the I-PAM. The Volume Control unit can be used without the Channel Select Extension. For an additional source selection 8 pushbuttons and 8 LEDs are provided by the Channel Select Extension. The Channel Select Extension is connected to the Volume Control unit.

Volume Control and Channel Select Extension is designed for compatibility with the 50x50 mm DIN 49075 standard.

A different front plate allows the integration in the NEMA standard.

## Main features

- Volume control and channel selection for VARIZONE system
- Connection of up to two Volume Control and Channel Select Extensions at one VARIZONE I-PAM
- Power supply of the Volume Control and Channel Select Extension via the I-PAM
- Volume Control unit with rotary encoder for volume control
- Channel Select Extension with 8 push-buttons and 8 LEDs for source selection
- Volume Control unit with terminal block for connection to I-PAM
- Volume Control unit with IDC connector for interface to Channel Select Extension
- Channel Select Extension with IDC connector for interface to Volume Control unit
- Volume Control unit is designed for compatibility with the 50x50 mm DIN 49075 standard
- Channel Select Extension is designed for compatibility with the 50x50 mm DIN 49075 standard

## Specification

### Volume Control

Connectors	Terminal block, 6 pins, for connection to I-PAM IDC pin header, 8 pins, for connection to Channel Select Extension
User Interface	1 rotary encoder
Supply voltage	12 V typ., provided by I-PAM
Power consumption	0.05 W typ. for Volume Control unit only 0.2 W typ. for Volume Control and Channel Select Extension
Ambient temperature limits	0° C min., 50° C max. for the operation of the device
Dimensions	Depth: 42 mm / 1.65" Height: 70.5 mm / 2.78" Width: 70.5 mm / 2.78"

### Channel Select Extension

Connectors	IDC pin header, 8 pins, for connection to Volume Control unit
User Interface	8 push buttons 8 LEDs
Supply voltage	5 V typ., provided by Volume Control unit
Power consumption	0.15 W typ.
Ambient temperature limits	0° C min., 50° C max. for the operation of the device
Dimensions	Depth: 42 mm / 1.65" Height: 70.5 mm / 2.78" Width: 70.5 mm / 2.78"