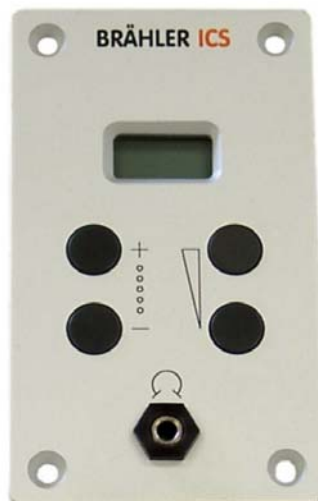


***CDSVAN***

Digital Channel Selector, 16 Channels, built-in version  
EWD216



BRÄHLER ICS is committed to continually improving its products and so reserves the right to make technical modifications without notice.

**Description**

The EWD216 is a high quality digital 16 channel language selector for simultaneous interpretation systems. Thanks to its very compact design it fits into nearly all sorts of tables and even into armrests. It is connected via standard CAT5-cable to the Central Unit CLD216 or Digital Distribution Amplifier RSP8 for bigger systems. Because this standard is widely used, installation becomes very easy and cost-efficient.

The transmitted **DAM**-signal (**D**igital **A**udio **M**ultiplex) is converted into an analog signal that can be monitored at the headphone socket.

With tip-tap push-buttons, volume and channels can be selected easily and quickly. The active channel is displayed on a high contrast backlit LC Display with very good visibility also under lower viewing angles. The big character size allows the user even over greater viewing distances to clearly read the digits.

In addition each channel selector is equipped with a self-diagnostic circuitry that shows an error message on the display when the signal transmission is being disturbed or interrupted.

**Technical Data**

**Channels**

16 Channels (Original + 15 languages)

**Channel Display**

LCD-module, two digits 6.5mm character height, backlight

**Channel Selection**

2 push-buttons for channel up/down

**Volume Control**

2 push-buttons for volume up/down

**Frequency Range**

30Hz to 15kHz (-3dB)

**Signal/Noise**

S/N:>70dB

**Dynamic Range**

>90dB

**Digital Input / Output**

2 RJ45 socket (shielded)

**Analog Output**

Phone jack 3.5mm

**Power Supply**

+(16 ... 48) VDC

**Power Consumption**

(0.4 ... 1.2) W  
(depending on the headphone impedance of the headphone)

**Front Plate Dimensions**

H x W: (88 x 55)mm  
(other dimensions on request)

**Inner Dimensions**

H x W x D: (60 x 45 x 40)mm

**Accessories**

**K45/16** Conference headphone

**CAT5** Patch-cable RJ45  
(different length available)

**REP16** Repeater