AUDICO AVEC G2

ASV 800

TEHTY SUOMESSA
MADE IN FINLAND

PROGRAM SOURCE/ REMOTE LEVEL CONTROL DEVICE

85x85 mm, installation depth 20mm
The adjusting plate and frame are not inclded.

The ASV 800 is a device used for controlling the Audico Avec sound reproduction system. It is used for chosing wanted program source and its volume level. he properties of the panel are defined with the Avec configuration software. The panel is connected to the ADA 8x8 central unit with CAT 5/6/7 cable to the local or system bus. No other active devices or swithers can be connected to the bus lane. Each panel has its own address set with the DIP switches. The panel gets its power from the central unit.
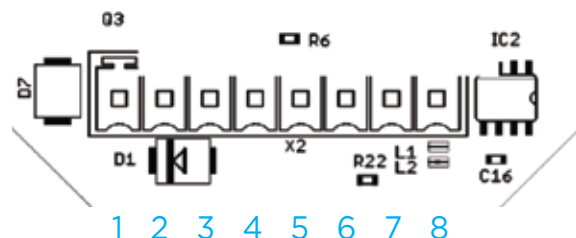
MOUNTING INSTRUCTIONS

The device fits into a Finnish standard size mounting box. The delivery does not include the adjusting plate or the frame. Suitable adjusting plates are for example: Schneider Electric 70X70mm KL 48X48 mm:lle VA, electrical number: 21 605 05 or ABB, Jussi, 48x48, electrical number: 21 660 10.

Screw ASV 800 with its fastening plate to the wall box. Connect the front panel tail to 4-pin connector on the ASV 800 printed circuit board. Note! Disconnect the device from AAE bus and make sure that ron panel connector is correctly connected before reconnection to bus.

Place the 48x48mm adjusting plate and the case frame (not included) on top of another and thread the centre plate from below through the adjusting plate. Press the centre plate into the sinking of the adjusting plate in a way that the clips on the upper and lower edge will lock to the fastening plate

BUS CONNECTION

The ASV 800 is connected to bus with CAT cabel and TIA586B standard connection.

1 2 3 4 5 6 7 8

The following table describes pin order:

1	Audio +		P2
2	Audio -		P2
3	Audio GND		P3
4	Digital GND		P1
5	Digital +12V		P1
6	Analog +24V		P3
7	Data (A)		P4
8	Data (B)		P4

Data bus can be continued in connector 2 by connecting incoming and outgoing cable together.

RESET SEQUENCE

After power-up the following data appear on ASV 800's 7-segment displays (CHANNEL and VOLUME):

DATA	Comment
Ad	A d ASV 800 shows its address
01	0 1 e.g. 01
S0	S o and the sw version,
2:2	2. 2 e.g. 2.2, after which
E 0	E 0 ASV 800 waits its status
	After receiving the status from ADA 8x8 ASV 800 enters to a stand-by state, which is indicated by a dot on the volume display.

* preceeded by a countdown from 20 - 0 s v. 06

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ASV 800 informs also error codes and the normal operation on its displays:

DATA	Comment
n A	Address setting is failed (check device address)
E 1	Communication failure (surveillance error)
E 2	Transmission error
C V	Group's status, where C=channel number 1 ... 7 V=volume setting 0 ... 9.
	ADA 8x8 in stand-by state (displays not active)

ADDRESS SETTING

Set the device address using switch S2 according to the following table:

Address 1	2	3	4	5
1	1	0	0	0	0
2	0	1	0	0	0
3	1	1	0	0	0
4	0	0	1	0	0
5	1	0	1	0	0
6	0	1	1	0	0
7	1	1	1	0	0
8	0	0	0	1	0
9	1	0	0	1	0
10	0	1	0	1	0
11	1	1	0	1	0
12	0	0	1	1	0
13	1	0	1	1	0
14	0	1	1	1	0
15	1	1	1	1	0
16	0	0	0	0	1
17	1	0	0	0	1
18	0	1	0	0	1
19	1	1	0	0	1
20	0	0	1	0	1
21	1	0	1	0	1
22	0	1	1	0	1
23	1	1	1	0	1
24	0	0	0	1	1
25	1	0	0	1	1
26	0	1	0	1	1
27	1	1	0	1	1
28	0	0	1	1	1
29	1	0	1	1	1
30	0	1	1	1	1
31	1	1	1	1	1
32	0	0	0	0	0

PROGRAM SELECTION

The program is selected with CHANNEL buttons. There can be up to seven programmes, depending on system configuration. If the displays are blank, the very first press of button will show the current program number. The following presses step program number up or down. The device will enter its stand-by state after a while from the last keying.

VOLUME ADJUSTING

The volume of the selected program group is adjusted with the VOLUME - buttons. Adjusting area is 20 steps.
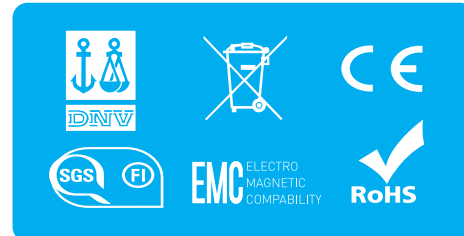
1	2	3	...	18	19	20
0	0.	1	...	8.	9	9.

ASV 800 PROGRAM SOURCE/REMOTE LEVEL CONTROL DEVICE

Audico code N12352
Electrical number 7931106
EAN code 6430029190064

The product is Rohs-compliant, it is tested and approved by SGS Fimko for all relevant safety and electromagnetic compatibility standards (EMC).