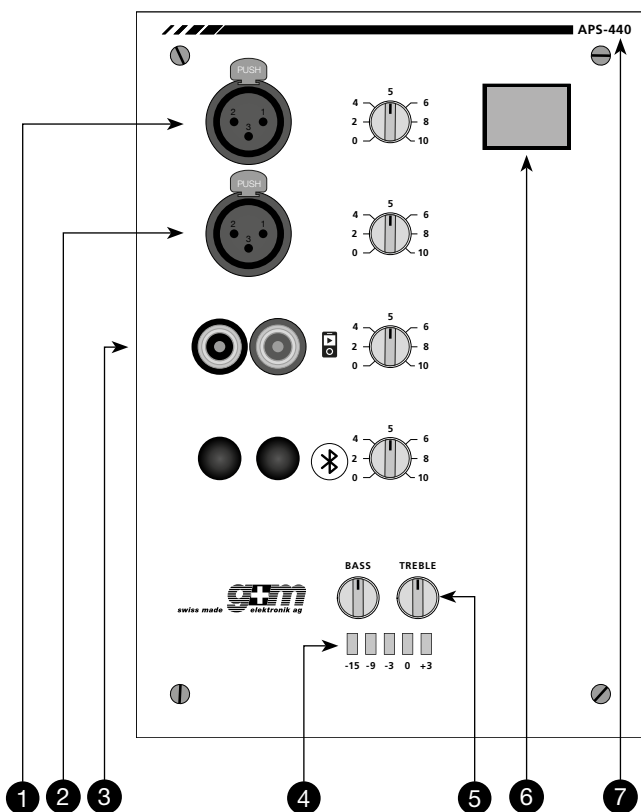


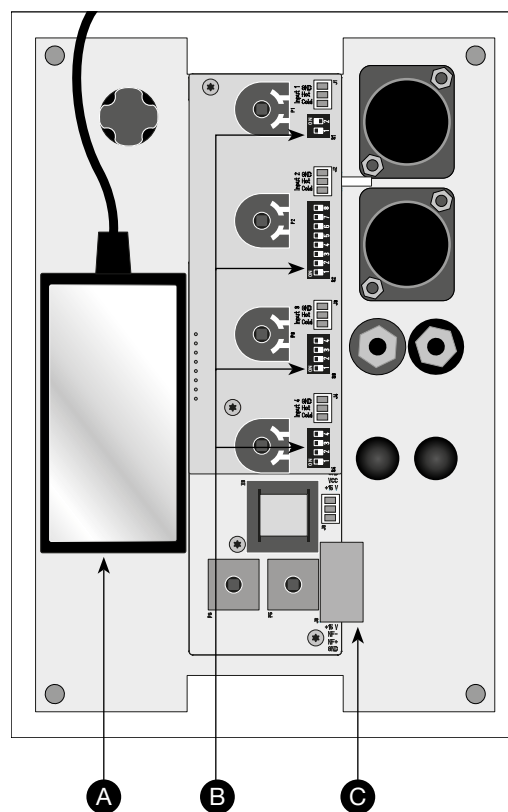
APS-440

Wired remote control



Front view

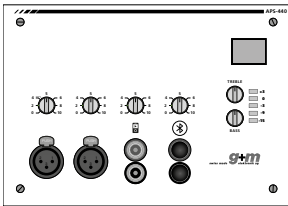
- 1 Socket (XLR for microphone) and volume control for Input 1
- 2 Sockets and volume control for Input 2
- 3 Sockets and volume control for Input 3
- 4 Sockets and volume control for Input 4
- 5 Level indicator (green/green/green/yellow/red)
- 6 Sound control for bass and treble
- 7 ON/OFF switch with operating display
- 8 Model code



Rear view

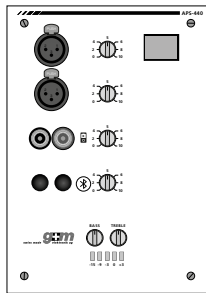
- A Bluetooth Receiver (Option)
- B Connector block
- C DIL switch for configurations

Versions



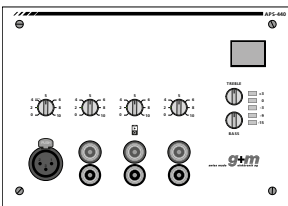
APS-440-A02-H-BT

- With Bluetooth
- 2x Inputs for microphones with switchable phantom power
- 1x Input for AUX signals
- Dimensions (W x H x D): 200 x 140 x 60 mm



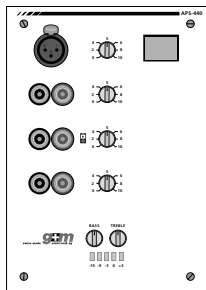
APS-440-A02-V-BT

- With Bluetooth
- 2x Inputs for microphones with switchable phantom power
- 1x Input for AUX signals
- Dimensions (W x H x D): 140 x 200 x 60 mm



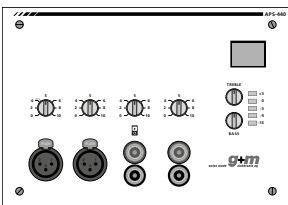
APS-440-A01-H

- Without Bluetooth
- 1x Input for microphones with switchable phantom power
- 3x Inputs for AUX signals
- Dimensions (W x H x D): 200 x 140 x 60 mm



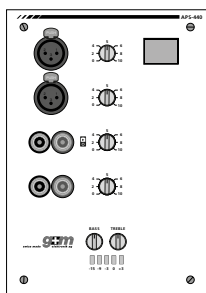
APS-440-A01-V

- Without Bluetooth
- 1x Input for microphones with switchable phantom power
- 3x Inputs for AUX signals
- Dimensions (W x H x D): 140 x 200 x 60 mm



APS-440-A02-H

- Without Bluetooth
- 2x Input for microphones with switchable phantom power
- 2x Inputs for AUX signals
- Dimensions (W x H x D): 200 x 140 x 60 mm



APS-440-A02-V

- Without Bluetooth
- 2x Input for microphones with switchable phantom power
- 2x Inputs for AUX signals
- Dimensions (W x H x D): 140 x 200 x 60 mm

Description

Designation and function

Wired remote control for playback of sound sources according to the available inputs

Possible sound sources

Microphones and music devices

Use of the remote control

Together with the input module APS-04

Adjustments on the remote control

Adjustments to the sound sources

Functions of the remote control

According to the programming of the processor module APS-990 in the loudspeaker system

ON/OFF switch with operating display

When the button is pressed, the remote control and the loudspeaker system are switched on, respectively switched off

Volume, bass and treble controls

Influence the sound in all active speakers

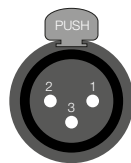
Connection cable to input module APS-04

GZ-928 or GZ-927

Technical specifications

Connection diagram XLR 3-pin (Cannon) (1)

- 1 Ground/ Shield
- 2 LF Input (low frequency) sym. +
- 3 LF Input (low frequency) sym. -



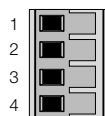
Connection diagram CINCH (RCA) (2)

- 1 Ground/ Shield (golden)
- 2 LF Input (low frequency) left/ mono (black)
- 3 LF Input (low frequency) right/ mono (red)



Connection diagram for the connector block (B)

- 1 Ground (Schirm: auf 5 beim APS-04)
- 2 LF Output symm. + (white: on 3 at APS-04)
- 3 LF Output symm. - (brown: on 2 at APS-04)
- 4 Supply +15 VDC



Data

Versions

- Alu (dimensions: 140 x 200 mm, weight: 350 g)
 - APS-440-A01-H: 1x mic., 3x music device, horizontal
 - APS-440-A01-V: 1x mic., 3x music device, vertical
 - APS-440-A02-H: 2x mic., 2x music device, horizontal
 - APS-440-A02-V: 2x mic., 2x music device, vertical
- Edizio (color: white, dim.: 148 x 258, weight: 460 g)
 - APS-442-A01-V: 1x mic., 3x music device, vertical
 - APS-442-A02-H: 2x mic., 2x music device, horizontal
- Bluetooth receiver (Art. N° 11544)

Tasks of the remote control

- Mixing of the 4 input signals
- Activating the current detector circuit on the APS-04

General information

Input sensitivity	
- Microphone	-50 dBu/ -60 dBu
- AUX	0 dBu/ -10 dBu / -20 dBu
Input impedance	
- Microphone	5 kOhm symmetric
- AUX	50 kOhm symmetric 25 kOhm asymmetric
Connection Input	Symmetric or asymmetric
Phantom power (Ph) for condenser microphones	48 VDC
Output signal	6 dBu
Output impedance	50 Ω symmetric
Connection Output	Symmetric
Symmetrization	Low frequency transformer (with galvanic isolation)
Supply	15 VDC/ 50 mA
Ambient temperature	-5°C to 40°C
Humidity	15% to 90%, non condensing

Priority of remote control and switching of AF signals

According to the programming of APS-990 for the function of APS-04

Important

The use must be in accordance with the programming!

Configuration

		Application	Sensitivity	DIL-Switch
Input 1	Microphone symmetric*	Microphone	-50 dB	00
	Microphone symmetric 48 V	Condenser microphone	-50 dB	01
	Microphone symmetric	Microphone	-60 dB	10
	Microphone symmetric 48 V	Condenser microphone	-60 dB	11
Input 2	Line symmetric	Studio level	0 dB	00010000
	Line asymmetric		0 dB	00001000
	Line symmetric		-10 dB	10010000
	Line asymmetric*	Consumer electronics	-10 dB	10001000
	Line symmetric	XLR Radio receiver	-20 dB	11010000
	Line asymmetric	Mobile phone	-20 dB	11001000
	Microphone symmetric	Microphone	-50 dB	00110110
	Microphone asymmetric 48 V	Condenser microphone	-50 dB	00110111
Input 3	Line symmetric	Studio level	0 dB	1000
	Line asymmetric		0 dB	0100
	Line symmetric		-10 dB	1001
	Line asymmetric	Consumer electronics	-10 dB	0101
	Line symmetric	XLR Radio receiver	-20 dB	1011
	Line asymmetric*	Mobile phone	-20 dB	0111
Input 4	Line symmetric	Studio level	0 dB	1000
	Line asymmetric		0 dB	0100
	Line symmetric		-10 dB	1001
	Line asymmetric*	Consumer electronics	-10 dB	0101
	Line symmetric	XLR Radio receiver	-20 dB	1011
	Line asymmetric	Mobile phone	-20 dB	0111

*Default setting

Example

DIL switch (see table): Position 01 (0= OFF, 1= ON)

Accessories

Article N°	Description	Application	Dimensions
63-5105872-01-01	UP EINL.KAST.140	Recessed installation housing	140 x 200 mm
63-1305930-01-01	APS-458 (weiss)	Frame for wall-mounting, white	140 x 200 mm
63-1308223-01-01	APS-458-RAL9006 (silber)	Frame for wall-mounting, silber	140 x 200 mm