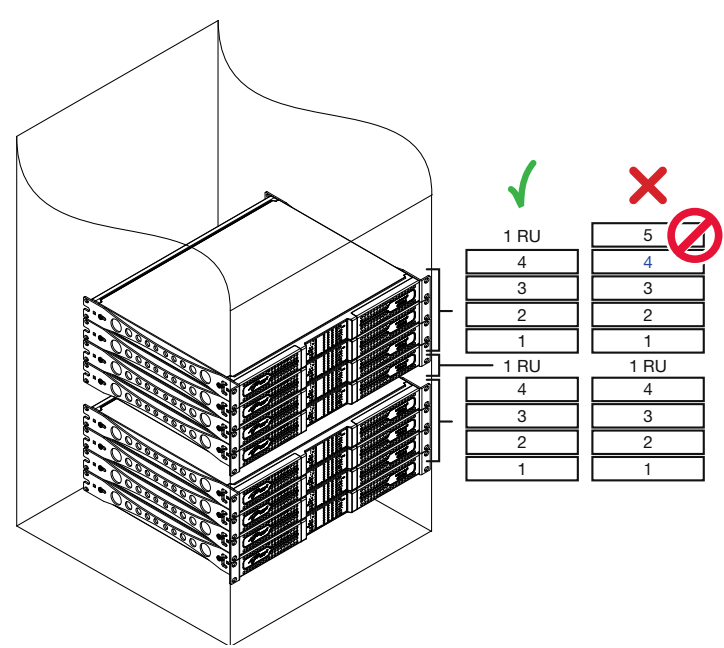
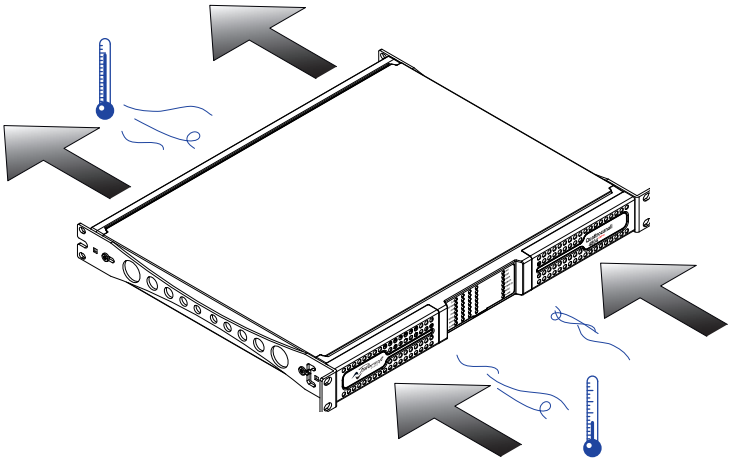


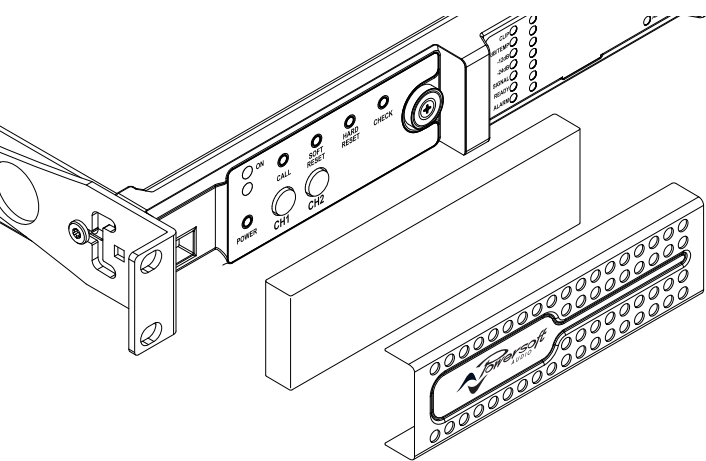
Location



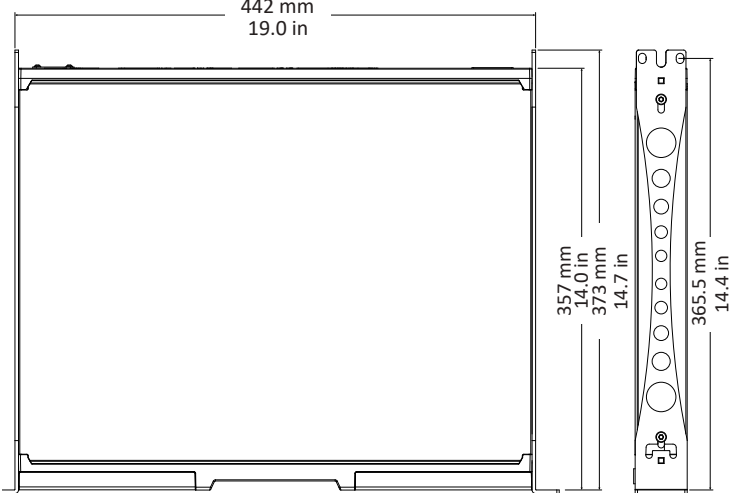
Cooling

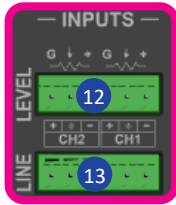


Exposing the Control Panel



Dimensions

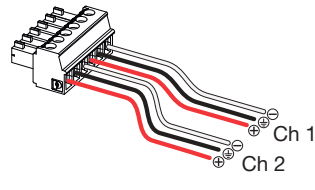




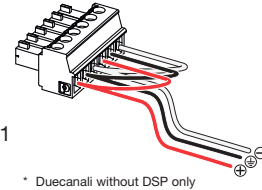
Input section

- 12 Remote Level connector
- 13 Line Input connector

Duecanali
Input

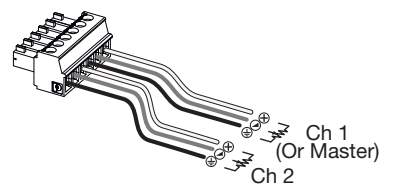


Input (linked channel pairs)*

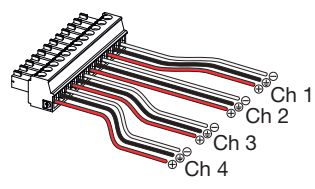


* Duecanali without DSP only

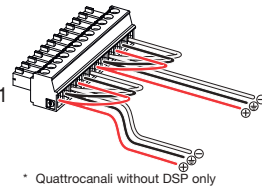
Remote Level



Quattrocanali
Input

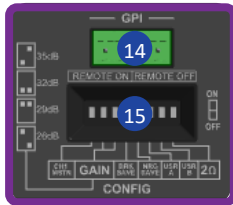
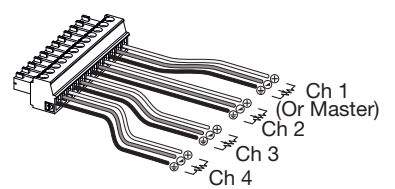


Input (linked channel pairs)*



* Quattrocanali without DSP only

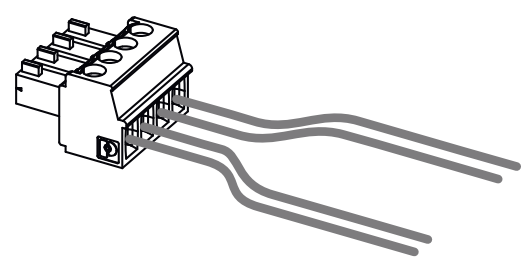
Remote Level



Remote On/Off - Configuration dip switches

- 14 Remote On/Off connector (Phoenix MC 1,5/4-ST-3,81 1803594)
- 15 System Configuration dip switches

Remote On/Off



Input Gain Selection

26 dB	29 dB	32 dB	35 dB	CH1 Master	BRK Save	NRG Save	USR A	USR B	2 Ω*
2-3	2-3	2-3	2-3	1	4	5	6	7	8

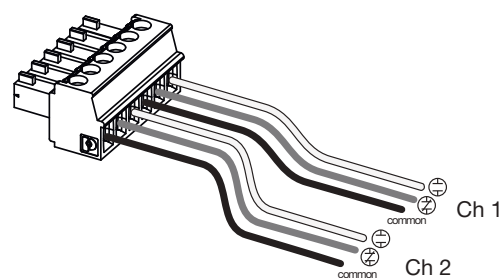
* 804, 1604 models only. 4804 models: USR C (reserved)



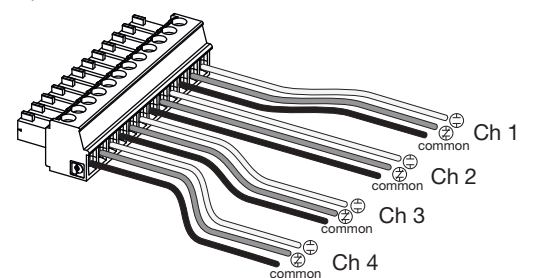
Alarm

GPO/Alarm connector

Duecanali

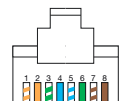
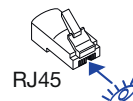


Quattrocanali



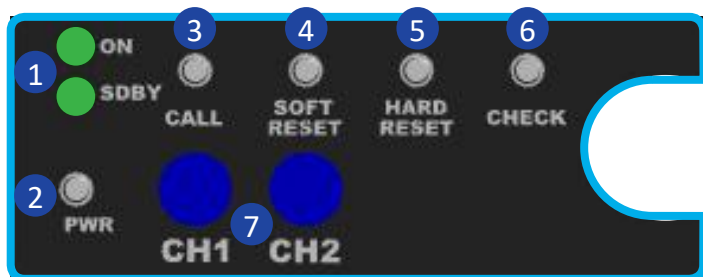
Ethernet and Dante™ ports

- 16 Ethernet port (RJ45)
- 17 Dante™/AES67 port (RJ45) - DSP+D & DSP+ versions only



Color code (TIA/EIA-568-B)	Pin
	1
	2
	3
	4
	5
	6
	7
	8

Front Panel



Control Panel

- 1 Operating Mode LEDs (ON/STANDBY)
- 2 Power pushbutton
- 3 Armonía Callback pushbutton
- 4 Soft Reset pushbutton
- 5 Hard Reset pushbutton
- 6 Self Check pushbutton
- 7 CH1, CH2 attenuators (+ CH3, CH4 - Quattrocanali)

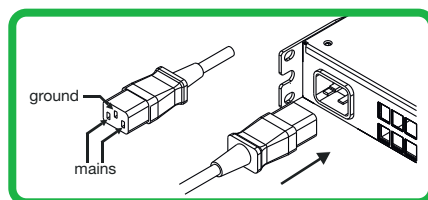
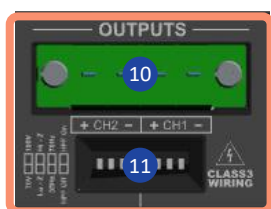
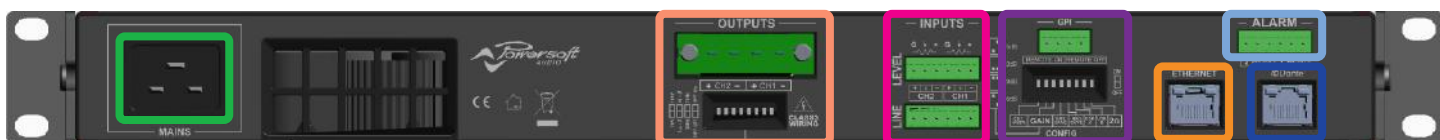
LED Panel

- 8 Channel Status LED meters
- 9 System Status LEDs

Serial Port

Reserved for service operations.

Rear Panel



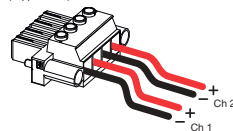
Output section

- 10 Output connector
- 11 Output configuration Dip Switches

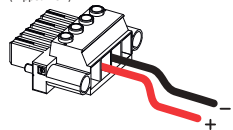
AC Mains Connector

IEC C19

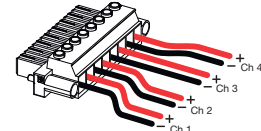
Duecanali
Single Ended
(Flipped view)



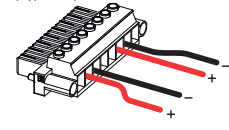
Bridged
(Flipped view)



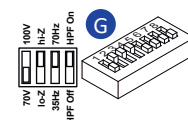
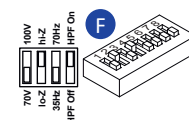
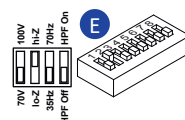
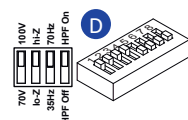
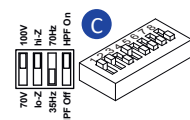
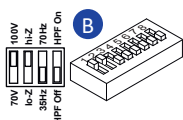
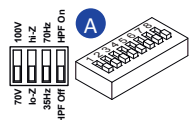
Quattrocanali
Single Ended
(Flipped view)



Bridged
(Flipped view)



	Low-Z	High-Z	100V	70V	HPF @ 35 Hz	HPF @ 70 Hz
A	•					
B		•	•			
C		•	•		•	
D		•	•			•
E		•		•		
F		•		•	•	
G		•		•		•



LED Charts

LED Bars, signal metering

8

Color		Signal Metering	Lighting	Warnings Description
ORANGE	ORANGE	Clipping *DSP+D User Limiter	—	—
YELLOW	YELLOW	-6dB	SOLID ON	Thermal warning Thermal protection engaged
			FLASHING	Auto Standby
GREEN	GREEN	-12dB	—	—
GREEN	GREEN	-24dB	—	—
GREEN	GREEN	-60dB	SOLID ON	Signal presence
			BLINKING	Channel muted
GREEN	GREEN	—	SOLID ON	Channel ready
RED	RED	—	SOLID ON	Channel fault ¹

¹ Red LED lights on in case of any kind of channel fault that prevents the normal channel operating.

Lighting	Timings	Description
FLASHING	100 ms ON 900 ms OFF	
BLINKING	500 ms ON 500 ms OFF	

LED Bar, system status

9

Color	Name	Lightning	Warnings Description
ORANGE	LIMIT	FLASHING	Breaker Save Enabled
		SOLID ON	Breaker Save limiting power draw
YELLOW	TEMP	SOLID ON	Thermal warning Thermal protection engaged
ORANGE	CHECK	SOLID ON	System self checking
		BLINKING	Self check completed
		FAST BLINKING	Self Check Unavailable
GREEN	REMOTE	SOLID ON	Connected to Armonía Pro Audio
		OFF	Not connected to Armonía Pro Audio
GREEN	POWER ON	SOLID ON	System ready
		OFF	System off
GREEN	MAINS	SOLID ON	AC mains voltage within the operating range
		OFF	Undervoltage
		FLASHING	Over/Undervoltage Warning
		FAST BLINKING	Overvoltage
		BLINKING	Mains FUSES blown
RED	ALARM	SOLID ON	PSU fault ¹ OR Critical Faults

¹ Red LED lights on in case of any kind of PSU fault that prevents normal operating.

Lighting	Timings	Description
FLASHING	100 ms ON 400 ms OFF	
FAST BLINKING	100 ms ON 100 ms OFF	
BLINKING	500 ms ON 500 ms OFF	

Operating mode LEDs

1

Color		Name	Standby	Power On
GREEN	GREEN	POWER ON	—	SOLID ON
ORANGE	ORANGE	STANDBY	SOLID ON	—
ORANGE	ORANGE	AUTO STANDBY	BLINKING	—
ORANGE	ORANGE	ERROR CODE	BLINK COUNTER	—

Control Panel

Label	Label	Type	Action	Description
2	POWER	Pushbutton	keep pressed for 3 seconds	Toggle system ready/standby mode
3	CALL	Pushbutton	press	Highlight the amplifier in the Armonía workspace
4	SOFT RESET ¹	Pushbutton	keep pressed for 3 seconds	Reset network parameters to factory default
5	HARD RESET ¹	Pushbutton	keep pressed for 3 seconds	Reboot the system
6	CHECK	Pushbutton	keep pressed for 3 seconds	Start the self-checking procedure*
7	CH1 ²	Potentiometer	turn counter-clockwise	Attenuate the output level of the signal on channel 1
	CH2 ²	Potentiometer	turn counter-clockwise	Attenuate the output level of the signal on channel 2

- The push-buttons are disabled when connected to Armonía.
- Keep pressed both the SOFT RESET button and the HARD RESET button for at least 3 seconds to completely reset the amplifier to its factory default configuration (this won't delete any preset stored in the internal memory).
 - The potentiometer is in series with the remote level control so it can be used to limit the output volume regardless to any remote adjustment.
- * Press again to resume normal operations

Self Check

6

System OK.

Power supply fault

AC Mains voltage out of range (over/under voltage)

PSU temperature out of range

Fan Error

Channel# Output Waveform non-conformity

Channel# Temperature out of range

Channel# Output current measurement non-conformity¹

1. An 8Ω dummy load is needed to measure the output current. If the dummy load is not applied the system reports a fault.



DRIVING HUMAN AUDIO EXPERIENCE

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