

SPECIFICATIONS IA 10/4

WARNING: TO PREVENT ELECTRICAL SHOCK OR FIRE HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. BEFORE USING THIS APPLIANCE, READ THE OPERATING GUIDE FOR FURTHER WARNINGS.

- Handy, high-quality level interfacing for studio applications
- Two channels of -10 single-ended to +4 balanced interfacing.
- Two channels of +4 balanced to -10 single-ended.
- RCA and 1/4" jacks on -10 dBV side.
- Electronically balanced +4 dBu In the Out (XLR).
- Unity gain option on single-ended to balanced side.

The IA™ 10/4 provides convenient interface capability for the professional recording environment. Two channels perform independent -10 to +4 level interfacing from single-ended 1/4" or RCA jacks to transformerless balanced XLR termination. The gain of these two channels is switchable between +12 dB and 0 dB (Unity).

The remaining two channels perform independent +4 (balanced) to -10 (unbalanced) level interfacing. RCA and 1/4" jacks are provided on the -10 dBV end.

-10 dBV to +4 dBu Interface

RCA Inputs (1 & 2)

Provided for connection of -10 dBV nominal level sources utilizing RCA pin-type termination. These jacks are paralleled with the A & B 1/4" inputs. (3 & 4)

1/4" Phone Inputs (3 & 4)

Provided for connection of -10 dBV nominal level sources utilizing 1/4" phone termination. These jacks are paralleled with the A & B RCA inputs. (1 and 2)

XLR Outputs (5 & 6)

Balanced termination for connecting +4 dBu nominal level equipment.

+4 dBu to -10 dBV Interface

XLR Inputs (7 & 8)

Balanced input termination for +4 dBu nominal level sources.

1/4" Phone Outputs (9 & 10)

Unbalanced output termination for connecting -10 dBV nominal level equipment utilizing 1/4" jacks. These jacks are paralleled with A & B RCA outputs. (11 & 12)

RCA Outputs (11 & 12)

Output termination for connecting -10 dBV nominal level equipment utilizing RCA jacks. These jacks are paralleled with the A & B 1/4" outputs.

Gain Switch

The gain of the -10 to +4 channels (A and/or B: 1 to 6) can be easily converted from +12 dB to 0 dB (unity) and vice-versa using the two recessed push-button switches on the left-side panel.

Power Switch (13)

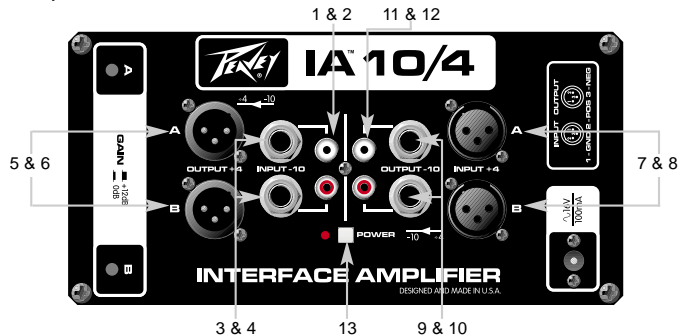
Depress the switch to the "On" position. The red pilot light (LED) will illuminate indicating power is being supplied to the unit.

Power Supply Socket

Provided for connections of the external power supply. Insert the power supply plug fully into the socket before making the AC outlet connection.

Caution:

Use only the power supply provided with this product. If the original power supply must be replaced, consult your dealer or the factory for assistance in obtaining the correct replacement. Failure to use the correct power supply could result in fire, shock hazard, circuit damage, decreased performance, or non-operation.



SPECIFICATIONS:

Inputs

- Unbalanced:** -10 dBV nominal (.316 Volts),
+14 dBV maximum (5 Volts)
- Balanced:** +4 dBu nominal (1.22 Volts)
+26 dBu maximum (16 Volts)

Outputs

- Unbalanced:** -10 dBV nominal (.316 Volts)
+14 dBV maximum (5 Volts)
- Balanced:** +4 dBu nominal (1.22 Volts)
+26 dBu maximum (16 Volts)

Frequency response:

+0, -1 dB 20 Hz to 20 kHz

Distortion:

Less than .005% THD

SNR

- Unbalanced out:** 93 dB - Ref: -10 dBV
- Balanced out:** 101 dB - Ref: +4 dB (+12 dB gain)
110 dB - Ref: +4 dBu (unity gain)

Power requirements:

External wall mount power supply
(16.5 VAC)

Available in 120 V, 220 V and 240 V version

Dimensions:

5.5" W x 2.0" H x 4.4 D
(14 cm x 5 cm x 11 cm)

Weight:

1.125 lbs.
(0.5 kg)



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One year limited warranty: For details, refer to the warranty statement. Copies of this statement may be obtained by contacting Peavey Electronics Corporation, P.O. Box 2898, Meridian, MS 39302-2898.

Features and specifications subject to change without notice.

Peavey Electronics Corporation • 711 A Street • Meridian • MS • 39301 (601) 483-5365 • FAX (601) 486-1278 • www.peavey.com
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IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electrical products, basic cautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding plug. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
11. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows:
 - a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green or colored green and yellow.
 - b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black.
 - c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
12. Only use attachments/accessories provided by the manufacturer.
13.  Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
16. Never break off the ground pin. Write for our free booklet "Shock Hazard and Grounding." Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
17. If this product is to be mounted in an equipment rack, rear support should be provided.
18. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational and Health Administration (OSHA) has specified the following permissible noise level exposures:

Duration Per Day In Hours	Sound Level dBA, Slow Response
8	90
6	92
4	95
3	97
2	100
1 ½	102
1	105
½	110
¼ or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Ear plugs or protectors to the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

SAVE THESE INSTRUCTIONS!

