

# 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 and 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 & 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

<b>Unbalanced:</b>	-10 dBV nominal (.316 volts), +14 dBV maximum (5 volts)
<b>Balanced:</b>	+4 dBu nominal (1.22 volts), +26 dBu maximum (16 volts)

### Outputs

<b>Unbalanced:</b>	-10 dBV nominal (.316 volts), +14 dBV maximum (5 volts)
<b>Balanced:</b>	+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

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

### Power Requirements:

External wall mount power supply  
(16.5 VAC)

Available in 120V, 220V and 240V versions

### Dimensions:

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

### Weight:

1.125 lbs.  
(0.5 kg)

## ONE YEAR LIMITED WARRANTY

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

## IMPORTANT SAFETY INSTRUCTIONS

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

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be retained for future reference.
3. Obey all cautions in the operating instructions and on the back of the unit.
4. All operating instructions should be followed.
5. This product should not be used near water, i.e., a bathtub, sink, swimming pool, wet basement, etc.
6. This product should be located so that its position does not interfere with its proper ventilation. It should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
7. This product should not be placed near a source of heat such as stove, radiator, or another heat-producing amplifier.
8. Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
9. Never break off the ground pin on the power supply cord. For more information on grounding, write for our free booklet, "Shock Hazard and Grounding."
10. Power supply cords should always be handled carefully. Never walk or place equipment on power supply cords. Periodically check cords for cuts or signs of stress, especially at the plug and the point where the cord exits the unit.
11. The power supply cord should be unplugged when the unit is to be unused for long periods of time.
12. If this product is to be mounted in an equipment rack, rear support should be provided.
13. Metal parts can be cleaned with a damp rag. The vinyl covering used on some units can be cleaned with a damp rag, or an ammonia-based household cleaner if necessary. Disconnect unit from power supply before cleaning.
14. Care should be taken so that objects do not fall on and liquids are not spilled into the unit through the ventilation holes or any other openings.
15. This unit should be checked by a qualified service technician if:
  - a. The power supply cord or plug has been damaged.
  - b. Anything has fallen or been spilled into the unit.
  - c. The unit does not operate correctly.
  - d. The unit has been dropped or the enclosure damaged.
16. The user should not attempt to service this equipment. All service work should be done by a qualified service technician.
17. This product should be used only with a cart or stand that is recommended by Peavey Electronics.
18. Exposure to extremely high noise levels may cause 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 Safety 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 1/2	102
1	105
1/2	110
1/4 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 in 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**

**PEAVEY®**

Features and specifications subject to change without notice.

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