

## SPECIFICATIONS CPA-4

CIRCUITRY Advanced Solid State virtually immune to short circuit, open circuit and overload operation.

SIGNAL TO NOISE RATIO -60 dB below rated output

MINIMUM INPUT VOLTAGE FOR RATED OUTPUT 12mV with boost off, 3mV with boost on

MAXIMUM INPUT VOLTAGE 15 voits plus (infinite headroom)

NUMBER OF CHANNELS 4

INPUTS PER CHANNEL 2

GAIN DIFFERENCE BETWEEN HIGH AND LOW INPUTS 6 dB

CONTROLS EACH CHANNEL Volume, Bass treble equalizer, reverb

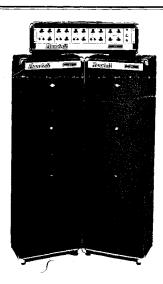
MASTER CONTROLS Volume (with 10 dB boost) Bass, Trable, Reverb

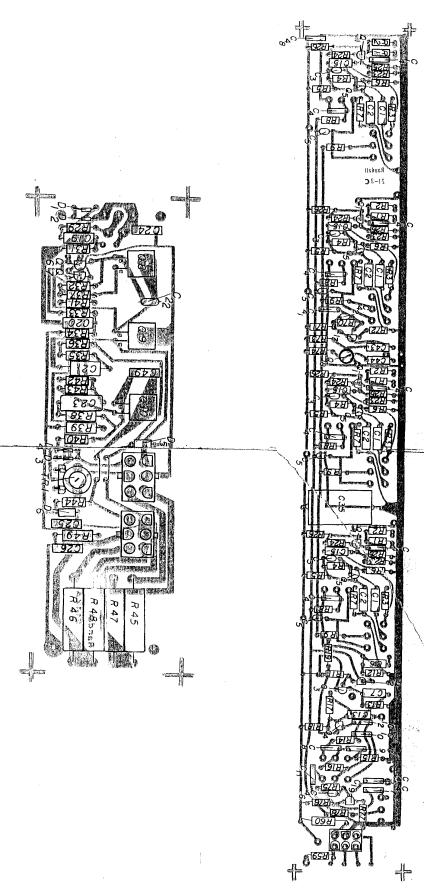
AC LINE VOLTAGE FOR RATED OUTPUT 125 VAC

SIZE Console: 8" high, 25:3/4" wide, 9" deep Column: 49" high, 15:1/2" wide, 10" deep

## **CPA-4 PA System Owner's Manual**

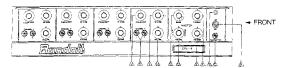
DO NOT MAIL





Randall INSTRUMENTS, INC. IRVINE, CA 92705

SCHEMATICS AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



## FRONT PANEL

Power and Polarity Switch
This three position switch provides a means of turning the amplifier on and also reversing the line polarity. Secot the on position which best grounds the amplifier at each different set up.

Prior Light
The pilot light is acrivated when the amplifier is turned on, and indicates that the analytic is drawing current from the power source.

Footswitch Jack
This jack is provided as a connection for arrest's footswitch. The revisit function of the amplifier can be turned on and of the years of the footswitch for the present of the present of the footswitch. For the present of the years of the footswitch and the footswitch and the present of the revisit of the revisit to th

Master Volume Control

The Master Volume Control

The Master Volume Control controls the overall volume feed of all four charries simultaneously. This control slicious the volume of all four charries to be increased or telecrosis of sfeeding the max of each analysisal charries. An opposite of the max of each analysisal charries of the control of the

Master Reverb Control Controls the overall reverb level of all four sharehes simulationally. This control allows the reverb level of all four sharehes simulationally. This control allows the reverber level of all four shanes to be increased or decreased without affecting the reverb mix of each individual channel one important feature to remove the surfegioristic of the overall reverb control and the state of the control of

Master Trable Control

The Master Trable Control equalizes the overall high frequency response of all their channels simultaneously. This allows the high frequency response of all four ethniches to allow the high frequency response of all four ethniches to missing the control transplant of a fine frequency of a fine frequency frequenc

Master Bass Control

The Master Bass Control equalizes the overall low frequency response of all flow themeds simultaneously. This allows the low frequency reposition of all flow themeds to be increased on decreage as required without stretching the mun of each individual circumst. A entiring of 50 met Master Bass Control of the control of 50 met Master Bass Contr

Note: The Marter Treble Control and Master Bass Control also function as effective anti-feedback controls. Decreasing the Master Treble control will help eliminate high trequency feedback. Decreasing the Master Bass Control will help eliminate low frequency feedback.

eliminate tow requirements and the volume feed of the individual channel Control control; the volume feed of the individual channel individual channel individual channel individual channel individual channel was described in the feed of the string is between 2 and 4. The individual channel Control setting is between 2 and 4. The individual channel volume level can thin be increased or decreased on each channel by use of the Channel Volume control. The recommended settings given in the manual are only starting points as volume requirements will differ with each application.

Channel Reverb Control
The Channel Reverb Control
The Channel Reverb Control controls the reverb level of the redwindual thewest independent of the other channels. The control channels are controlled to the channel is between 5 and 7, depending on personal preference.

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Equalize Control
The Equalize Control on the RPA2 Sound System equal
tens the total represent of the Individual channel. The Equal
ters Control acts as a Bass boost on a settine of 0 and a
Trable boost on a settine of 0.1 The decired Basil Trable
mix can be found at some setting between 0 and 10. The
recommended inhits acting for the Equalizer Control is 3.
Adjust from that point to suit personal preference.

Adjust 7606 that point to suit persons unexercises.

All input Jacks are provided on each channel as a mains of connecting the signal source of the CPA-4 Sound Switzer. Fair most advantage to the CPA-4 Sound Switzer. Fair most advantage to signal source and the end most particular sources of the signal source and signal source and source and the signal source and the signal source and source and the signal source and source a

WARNING: TO PREVENT FIRE OR SHOCK HAZARD DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

BACK PANEL

The Monitor Speaker Jack
The Monitor Speaker Jack
The Monitor Speaker Jack scrolides bower to an external
monitor speaker. No other amplification is required. The
recommended embedance of the external monitor speaker
to be used with this jack in 8 to 18 feet.

Eigenal Output The Signal Output Jack is provided as a means of supplying a low impedance signal Source to another amprifer or tipe recorder. The Signal Output Jack provides a signal source of up to 500 mV.

Speaker Jacks
The Speaker Jacks are used to connect external speaker cabinets of not less than 8 ohms each.

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AC Convenience Dutlet
Can be used to an external power source to supply any piece of equipment requiring 115-125 VAC and 50/60 HZ, 200 wats. This outlet is not switched from the on/off switch.

AG Line Cord
To be connected to any external power source capable of supplying 115-125 VAC at 50/60 HZ, 200 watrs.

A Cord Wrap

The Cord Wrap is provided to allow storage of the AC Line Cord when the CPA-4 Sound System is not in use.

