CRATE
CONDOR SERIES

Model CR-100EV
90 watts RMS, 12" Electro Voice Speaker
CRATE
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Model CR-60
INPUTS:
A) HI GAIN (HI)
This input is to be used with most guitars.
B) LOW GAIN (LO)
If unwanted distortion is present, this may be remedied by using the LO input, the gain of the amp will be reduced by 6DB

EQUALIZATION:
1) BASS
The desired amount of bass or bottom may be increased or decreased with this control.
2) Fat switch (Full bass control)
Hi mids are boosted when this switch is pulled. This will add punch or fullness to the sound.
3) FREQ
This controls selects the frequencies that the mid level control will control. 0" being lower mids and 10\" being high mids.
4) LEVEL
This control will boost or cut the mid frequencies selected by the FREQ control.
5) TREBLE
This control boosts and cuts the treble or upper harmonics of the guitar adding more bite or crispness to the sound.
6) BRITE (Pull TREBLE)
This switch when pulled will give an extra boost to the treble or hi harmonics of the guitar.

OVERDRIVE SWITCH
(PULL ReVERB)
This switch when pulled manually selects the overdrive channel and it's related controls. When using the remote footswitch this switch must be in the in or off position for proper footswitch operation.

NORM OR CLEAN CHANNEL:
Note: the gain and master (7&8) will only operate when the O.D. switch (6A) or the foot pedal are in the off position.
7) GAIN (OUTER KNOB)
This control controls the amount of gain of the clean or normal channel. When using a hot guitar use smaller amounts, and larger amounts with weaker guitars.
8) MASTER (OUTER KNOB)
This controls the final volume control, and controls the amount of preamp signal being applied to the power amp.

OVERDRIVE CHANNEL
Note: the O.D. gain and master controls (9&10) will only operate when the O.D. switch (6A) or the footswitch are in the on position.
9) GAIN (INNER KNOB)
This controls the amount of gain of the overdrive channel. By increasing this control the amount of distortion and sustain is increased with 0\" being minimum and 10\" being maximum.
10) MASTER (INNER KNOB)
This is the final volume controlling the amount of O.D. signal being applied to the power amp.
REAR PANEL
1) AC OUTLET
This outlet supplies additional power needs for external effects or amps. Be sure not to overload this outlet.
2) FUSE HOLDER
This is the safety valve of the amplifier. Should a problem occur, replace the fuse with same type. If problems persist, consult a repair station.

NOTE: Do not replace fuse with one of higher rating or bypass it in any way as fire and/or damage to the amp could occur.

NOTE: The AC lite will note lite when the fuse is blown.
3) AC CORD
Make sure this cord is plugged into a safely wired and grounded outlet.

ADDITIONAL INPUTS AND OUTPUTS.
4) SPEAKER JACKS
These jacks supply 60W RMS into 4-ohms. These jacks are in parallel and either jack may be used. However the amp should never be connected to less than 2 ohms total load.
5) LINE OUT LEVEL
This control controls the signal level appearing at the line out jacks (6-7)
6) HI Z LINE OUT
This jack supplies a high impedance buffered line level signal. This signal can be used for running external power amps or supplying signal to a PA or recording mixer.
7) BALANCED LO Z
This jack supplies a low impedance balanced line level signal. This line out can be used for any power amp or mixer requiring a low Z balanced input. (Mixer inputs with phantom power are safe to be connected to this jack.)

NOTE: Both these line out jacks (6-7) can supply a relatively larger signal than the preamp output being supplied to the power amp with the line out level (5) full. This enables you to supply a sufficient mixer signal with small speaker levels.

NOTE: Both of these jacks are equalized to simulate a speakers rolloff characteristics thereby eliminating the need for miking.
8) FOOT SWITCH
This jack is for connecting the dual foot pedal. Channel switching and reverb on/off are accomplished through this jack.
9) EFFECTS SEND
This jack supplies a pre amp output signal for connecting to external effects or amps.
10) EFFECTS RETURN (LINE IN)
This jack provides an input to power amp and can be used for an effects return or stacking the amp with another preamp.

NOTE: When both of these jacks are used simultaneously, the preamp is disconnected from the power amp and no sound will result unless an external effect is used. (Preamp output is sent to effects input and effects output is returned to power amp input which reconnects the preamp to the power amp thru the effect.)
REAR PANEL

1) AC OUTLET
This outlet supplies additional power needs for external effects or amps. Be sure not to overload this outlet.

2) FUSE HOLDER
This is the safety valve of the amplifier. Should a problem occur, replace the fuse with same type. If problems persist, consult a repair station.
NOTE: Do not replace fuse with one of higher rating or bypass it in any way as fire and/or damage to the amp could occur.
NOTE: The AC light will note light when the fuse is blown.

3) AC CORD
Make sure this cord is plugged into a safety wired and grounded outlet.

ADDITIONAL INPUTS AND OUTPUTS

4) SPEAKER JACKS
These jacks supply w RMS into ohms. These jacks are in parallel and either jack may be used. However, the amp should never be connected to less than 2 ohms load.

5) LINE OUT LEVEL
This control controls the signal level appearing at the line out jacks (667)

6) HI Z LINE OUT
This jack supplies a hi impedance buffered line level signal. This signal can be used for running external power amps or supplying signal to a PA or recording mixer.

7) BALANCED LO Z
This jack supplies a low impedance balanced line level signal. This line out can be used for any power amp or mixer requiring a low z balanced input.

NOTE: When both of these jacks are used simultaneously, the preamp is disconnected from the power amp and no sound will result unless an external effect is used. (Preamp output is sent to effects input and effects output is returned to power amp input which recombines the preamp to the power amp thru the effect.)

8) FOOT SWITCH
This jack is for connecting the dual foot pedal. Channel switching and reverb on/off are accomplished through this jack.

9) EFFECTS SEND
This jack supplies a pre amp output signal for connecting to external effects or amps.

10) EFFECTS RETURN (LINE IN)
This jack provides an input to power amp and can be used for an effects return or sending the amp with another preamp.