

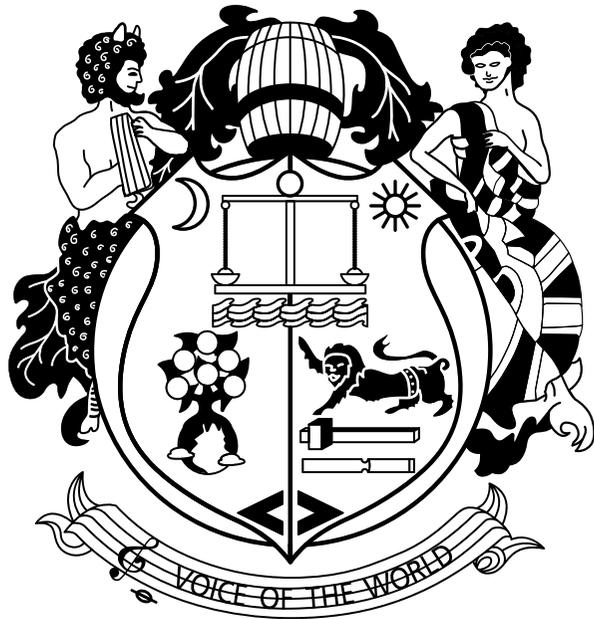
# ORANGE™

AMPLIFICATION

## CRUSH ACOUSTIC 30

ACOUSTIC GUITAR AMPLIFIER COMBO

Est.



1968

London | England

DESIGNED AND ENGINEERED BY ORANGE MUSIC ELECTRONIC COMPANY LTD.  
108 RIPON WAY, BOREHAMWOOD, WD6 2JA, UK. ORANGEAMPS.COM

## IMPORTANT SAFETY INSTRUCTIONS

- 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 ventilation openings. Install in accordance with the 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 polarised or grounding-type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are 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 where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the 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.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 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.



The exclamation point within an equilateral triangle and "WARNING" are intended to alert the user to the presence of important operating or servicing instructions. Failure to heed the instructions can result in severe injury or death.

This equipment should be used under the supervision of an adult at all times.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The "Caution, hot surface" symbol indicates that the marked item may be hot.

Ensure the apparatus is installed with plenty of space around the unit (> 6"/12.5cm) as this apparatus may generate heat under normal use. This equipment is not intended to be used on soft support (like beddings, blankets etc.). This equipment should always be placed on a flat, stable surface.



To reduce the risk of fire and electric shock do not expose this apparatus to rain or moisture. Do not use in damp environments, e.g. bathrooms etc.



Do not place objects containing liquids on, or near the product.  
Do not operate this apparatus or connect/disconnect a power plug whilst hands are wet.



Do not attempt to gain access to the interior of the product. No user serviceable parts inside. Refer all servicing to qualified servicing personnel.



This symbol indicates this product is classified as Waste Electrical and Electronic Equipment (WEEE) in the European Union and should not be discarded with household waste. Contact your local authority for more information and details of your nearest approved disposal facility.

# TOP PANEL

The top panel of the Crush Acoustic 30 is divided into 4 sections, indicated by the following icons.



Global



Channel 1



Channel 2

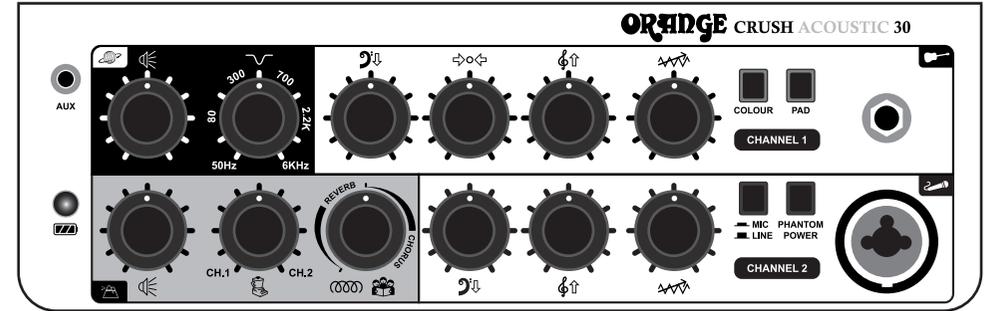


Effects



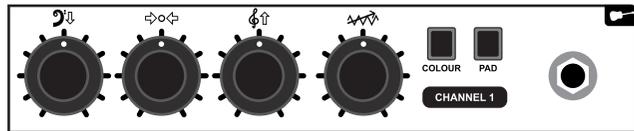
## AUX

For use with MP3 players, laptops etc. via a 3.5mm audio cable. The audio signal is internally summed to mono.



## CHANNEL 1 - GUITAR

1/4" jack input - 1/4" instrument jack socket



### BASS

Adjusts the lower frequency response. Increasing the Bass produces deeper sounds.



### MID

Adjusts the midrange response. Increasing the mids creates a fatter sound, whilst reducing 'scoops' the tone.



### TREBLE

Adjusts the high frequency response. Increase the Treble for brighter tones or reduce for a warmer sound.



### GAIN

Controls the gain level (volume) of the Channel 1. When set to minimum, no sound will be heard.

### COLOUR

Changes the voicing of Channel 1. When engaged, it will boost presence and slightly cut midrange frequencies.

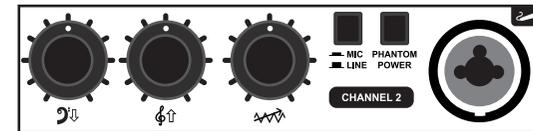
### PAD

Reduces the input signal by 10dB, maintaining a clean signal with higher output instruments.



## CHANNEL 2 - MIC

Jack/XLR combi input



### BASS

Adjusts the lower frequency response. Increasing the Bass produces deeper sounds.



### GAIN

Controls the gain level (volume) of the Channel 2. When set to minimum, no sound will be heard.



### TREBLE

Adjusts the high frequency response. Increase the Treble for brighter tones or reduce for a warmer sound.

### PHANTOM POWER

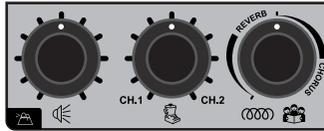
Activates phantom power when using a condenser microphone (check manufacturer specifications).

### MIC/LINE

Selects between instrument/line level signals from the jack input and mic level signals from the XLR input.

## EFFECTS

Controls effects on Channel 1 & 2



### REVERB/CHORUS DEPTH

Selects the type of effect and increases the effect depth as the knob is rotated clockwise.



### LEVEL

Controls the overall volume of the selected effect.

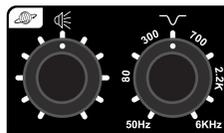


### BLEND

Adjusts how much of the selected effect is applied to each channel. In the 12 o'clock position, both channels will be affected equally. Fully anticlockwise, the effect will only be applied to Channel 1. Fully clockwise, the effect will only be applied to Channel 2.

## GLOBAL

These controls affect both Channel 1 & 2



### VOLUME

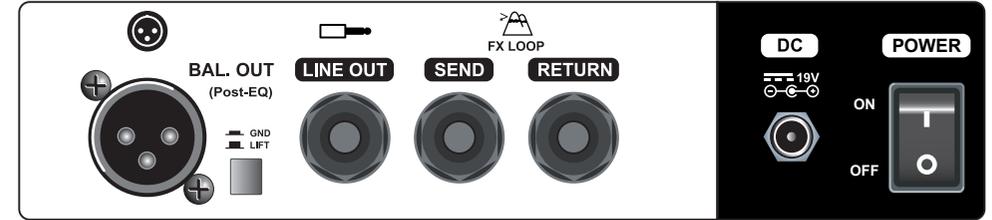
Adjusts the volume of the both channels. With the gain controls set to zero no sound will be heard.



### NOTCH

Adjusts the frequency of a narrow-Q notch filter. Selects and removes a precise frequency to help combat feedback.

## REAR PANEL



### POWER SWITCH

Switches the mains power supply to the amplifier ON/OFF.



### GROUND / LIFT

Lifts the ground of the output XLR.



### DC INPUT

Use only the supplied DC adapter. Connecting the DC adapter will disconnect the batteries.



### 1/4" LINE OUT JACK

Sends an unbalanced, line-level signal (post-EQ) to a mixer or PA system.



### BALANCED XLR OUTPUT

Sends a balanced, line-level signal (post-EQ) to a mixer or PA system. Engage the ground LIFT/GND button if ground hum becomes a problem when connecting the amplifier to external equipment.

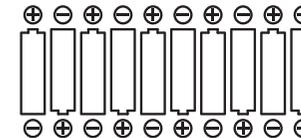


### FX LOOP

Used to place external effects between the amplifier's preamplifier section and output section. Connect the SEND jack to the input of external effects. Connect the output of external effects to the RETURN jack.

### BATTERY POWERED

DC 15V (1.5V X 10) SIZE AA (LR6)



### BATTERY

Takes 10 x AA batteries.

### POWER INDICATOR

The LED (located on the top panel) will illuminate green when the POWER switch is set to ON. It will show red when the batteries are low.



