

Quad 15

Front panel

Four preamp channels

Clean - Overdrive - Rhythm - Lead

15 watt all tube guitar amp

6V6 power tubes - short circuit proof power supply

BASS RESONANCE (Clean)
Adds bass & body to clean sounds without mud

TREBLE (Clean)
Wide range classic treble control

Tone/mid (Clean)
High: High/mid boost for sparkle cleans and bassy guitars
Low: Mid dampened, more bass
Scoop: Mid scooped to tame honky guitars

VOLUME (Clean)
Smooth compression or dirty clean
Power amp overdrive starting ~ 12 :00

GAIN (Overdrive)
Controls preamp overdrive from jazz to heavy rock

Range (Overdrive)
High: Low to medium gain with some treble boost
Low: Classic overdrive for open chords with good sparkle
Clean: Dirty cleans with natural tube compression

VOLUME (Overdrive)
Sets channel level
Power amp overdrive starting ~ 12:00

BASS RESONANCE (Overdrive)
Open & dynamic bass, body & chunk

FREQ MID TREBLE (Overdrive)
Classic tone stack EQ with sweepable mids for various sound characteristics

POWER ATTENUATOR
Sets overall sound level while keeping power amp overdrive
Full: 15 watt tuber power to speaker outputs
-3 dB to -36 dB: Attenuation in 10 steps.
Mute: Disconnects speaker outputs



Input LED
Indicates signal to preamp from either Front or Rear input

Input jack
Mono cable: Standard input for any guitar
Stereo cable: Programmable pickup switch (See manual)

GAIN (Rhythm)
From mellow overdrive to metal rhythm guitars

VOLUME (Rhythm)
Crank the power amp for a fat chunk starting ~ 14:00

Mode (Rhythm & Lead channels)
Wet: Low to Hi-gain with wet bass (Brown distortion)
Tight: Low to Hi-gain with tight and chunky bass response
Diode: Low to Hi-gain, tight and chunky low end with less fizz. Defined mids and good bite.

GAIN (Lead)
Hi-gain with more treble boost for lead guitars

VOLUME (Lead)
Boost leads into more power amp overdrive starting ~14:00 to keep bass under control

BASS RESONANCE
Adds solid bass, chunk and punch to distorted sounds for "Lead" and "Rhythm" channels

FREQ MID TREBLE
"Rhythm" and "Lead" channels share a classic tone-stack EQ with sweepable mids

Channel Select
Select preamp channel
Input (Press down)
Select between Front input or Rear input
Pre-gain loop: OFF (Front) ON (Rear)

Store (Press up twice)
Connect a MIDI-footcontroller
1. Select program on the MIDI-footcontroller
2. Select Channel, Input front/rear and Effect loop settings
3. Press Store two times (LEDs will flash)
4. Your setting is now stored and will be recalled next time you select the same program with the MIDI-footcontroller

Effect Loop
Return (press up)
Turn effect return inputs ON/OFF
Dry (press down)
Turn direct preamp signal ON/OFF
Serial loop
Return ON, Dry OFF
Parallel loop (Mix)
Return ON, Dry ON

Mute program for tuning: Return OFF, Dry OFF

Quad 15

Rear panel

WARNING! RISK OF ELECTRIC SHOCK - DO NOT OPEN

Mains fuse

T6.3A
(slow-blow)

- for both
115V & 230V
operation!

Quad 15 fuse

T1A
(slow-blow)

- for both
115V & 230V
operation!

VOLTAGE SELECTOR

- for worldwide
use.

230 V
+/- 10%, 50Hz

115 V
+/- 10%, 60Hz

MIDI IN

Connect MIDI-
footcontroller
or other
MIDI-device

Power up your
MIDI-
footcontroller
via phantom
power

Note: Not all MIDI
footcontrollers accept
phantom power

MIDI THRU

Connect to
rack effects,
effect pedals
or other MIDI-
device for a fully
programmable
setup

Zero latency,
buffered
output

SERVICE - TUBE REPLACEMENT For qualified persons only! Read user manual - High voltage!

The 6V6 power tubes can be replaced and
bias adjusted by removing the rear cover

Connect a stereo cable to the jack socket
between the power tubes

Measure bias current with a voltmeter:

Tip-sleeve: V6 - bias current

Ring-sleeve: V7 - bias current

Adjust bias trimmer with screwdriver through
the hole above the jack socket, 1mV ~ 1mA

Bias current ~ 25 mA to 30 mA

The Quad15 power supply is short circuit proof
No HV-fuse to be replaced!

Vacuum tubes:

2x6V6 + ECC83 (Power amp)

ECC81 (Effect loop)

2xECC83 + 5751 (Preamp)

AMP OUT

Connect to slave power
amplifier to drive
additional speaker
cabinets

Replicates the sound,
power tube overdrive
and speaker interaction
of the Quad 15



AC POWER OUTLETS

Power up other devices
and turn them
ON/OFF with the power
switch of the Quad 15 on
the front panel

No loose power strips!

Faults in equipment
powered by the
AC POWER OUTLETS
could blow the Mains fuse!

SEND (output)

Use mono cable
for effect pedals
(-10 dBV signal level)

Use stereo cable
for rack effects
for semi-balanced,
+4 dBu signal level

RETURN (input)

Use -10dBV input with
effect pedals, etc.

Use +4dBu input with
rack effects, etc.

No level switches that
can be hit by accident!

EFFECT LOOP (Post gain)

Connect effect pedals or MIDI-multieffects to SEND and
RETURN. (Delay, chorus, flanger, EQ, reverb, etc.)

Serial loop for effect pedals:

Set "Return ON" & "Dry OFF" on the front panel
to let the pedal mix the wet and dry signal

Parallel loop: Set "Return ON" & "Dry ON"

GUITAR OUT x2

Buffered signals from the
front input (pickup signal)

Upper: Connect to tuner,
recording devices, etc.

Lower: Connect to effect
pedals (Pre-gain loop)

PRE-GAIN EFFECT LOOP

Connect an effect pedal or other unit between the
lower GUITAR OUT and INPUT REAR.

In example your favorite boost, overdrive,
EQ, phaser or noise gate to customize your sound.

Activate the loop with the Input selector on the front panel:

"Front" = Loop OFF or "Rear" = Loop ON

INPUT REAR

Low impedance input for:

Effect pedals, Active pickups,
Wireless systems, Re-amping

Select between
"Front" and "Rear"
input on the front panel

SPEAKER outputs

Connect to
speaker cabinets
Total speaker
impedance must
be minimum 8 ohm

Examples:

1 x 16 ohm (use first)

1 x 8 ohm (use first)

2 x 16 ohm (both)

Safe to use with no
speaker cabinet connected:
Unplug speaker cables
from speaker outputs!