

# Edition Blue-R

Manual 2.0



english

deutsch

español

français

italiano

**Hughes & Kettner**<sup>®</sup>  
TECHNOLOGY OF TONE

Congratulations and thank you for choosing the  
HUGHES & KETTNER EDITION BLUE-R amp!

A team of guitarists and technicians developed the EDITION BLUE-R amps with a single purpose in mind: To provide you with sophisticated guitar sounds and practical features in an easy-to-handle package.

The EDITION BLUE-R is the ideal workhorse for discerning players who want happening tone in a compact amp. The EDITION BLUE-R's high-performance Current Feedback power amp delivers not only punch, but also the sought-after tone of a classic tube amp.

One component playing a major role in the overall tone of the amp is the RockDriver Blue speaker. Custom-made for Hughes & Kettner to our specifications, this speaker not only perfectly captures the essence of vintage sound, but also is extremely efficient. This makes your EDITION BLUE-R substantially louder than other amplifiers having the same output power rating.

As a very special treat, the EDITION BLUE-R offers the option of connecting a CD player or tape deck. This handy add-on feature allows you to play along with CDs or playback tracks of your own making for rehearsals, jamming, or even one-man/woman gigs.

The EDITION BLUE-R has the versatility, sound, and features that inspires you to perform your best in smaller venues, rehearsal rooms and studios.

Its logical control layout gives you immediate access to the EDITION BLUE-R's world of sound. This manual introduces you to its many features and application options.

We wish you a lot of fun and success with your new  
EDITION BLUE-R!

## BEFORE POWERING UP...

- Check that the local current and the amp's AC power rating are identical before you plug the power cord into an AC outlet.
- Ensure that air can circulate freely around your amp's ventilation ducts.
- Place the amp on a stable platform where it is not exposed to mechanical shocks and temperature extremes which may damage the amp or endanger the safety of bystanders.
- Hughes & Kettner is not liable for damages due to improper use.

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## 1. CHANNELS

The EDITION BLUE-R features a newly developed preamp that not only produces authentic harmonic overdrive but also responds dynamically to your picking style. Based on semiconductors, this innovative circuitry simulates the sound-shaping elements of tube amps and delivers sound quality unparalleled in this price range. It also provides the dynamics demanding guitarists require for musical expression.

### CLEAN

Depending on the preamp control settings, the EDITION BLUE -R delivers a variety of contemporary and Vintage clean tones. At higher VOLUME settings, the "SoftClick" circuitry delivers that slight edge you would expect from a Vintage tube amp. If desired, the CLEAN channel can put out plenty of crunch.

### LEAD

This channel delivers direct, in-your-face classic rock sounds with a very British feel. The MID control is a very effective sound-shaping tool; it lets you dial in many different lead sounds. If you drastically taper off the mids, the EDITION BLUE-R will produce the unmistakable sound of modern tube amps - ideal for tapping and heavy-duty power chord-riffing.

### REVERB

In the signal chain, the EDITION BLUE-R reverb section is located after the FX loop so you can use it for external effects and still achieve a clean reverb sound. Additionally, the reverb level automatically adjusts its own level when you switch between channels, more for clean, less for lead.

## 2. JACKS AND CONTROL FEATURES

### 2.1. FRONT PANEL

#### INPUT

Input sensitivity is broad enough to handle guitars equipped with humbuckers, active pickups, or single coils.

#### CLEAN VOL

Determines the CLEAN channel's volume. Depending on the type of pickups in your instrument, the amp will begin to clip somewhere around the 12 o'clock setting (SoftClick).

#### CHANNEL SELECT

This channel selector switch activates either the CLEAN or LEAD channel. The LEAD channel is active when the button is pressed.

#### RED LEAD LED

The red LED illuminates when the LEAD channel is active.

#### LEAD GAIN

Controls the amount of distortion in the LEAD channel.

#### LEAD MASTER

Determines the LEAD channel volume level in relation to the CLEAN channel volume level.

#### EQ SECTION

Common BASS, MID and TREBLE controls for both channels. MID and TREBLE controls influence each other, as is standard in tube amps: if you boost the treble, the mids are cut and vice versa. This sound-shaping feature allows you to dial in a wide variety of subtle tonal variations.

#### REVERB

Controls how much integrated reverb is added to the signal. Reverb is automatically adjusted for each channel when you switch channels.

#### MASTER

Controls the amp's master volume level. The LINE OUT signal is unaffected by the MASTER control.

#### LINE OUT (60-R only)

Use this jack to feed the signal to the input of an FX processor. You can also route the signal to a second power amp or through a RED BOX to a mixing console.

#### LINE IN (60-R only)

If you are sending the LINE OUT signal to an FX processor, connect the output from that processor to this jack.

#### FOOTSWITCH (30/60-R only)

This jack is for a standard footswitch (e.g. Hughes & Kettner FS-1) and it allows you to switch back and forth between the CLEAN and LEAD channels. When using a footswitch, ensure the CHANNEL SELECT switch on the amp's front panel is set to CLEAN.

#### PHONES

Headphone jack. The speaker is automatically switched off when a plug is inserted into this jack.

### 2.2 REAR PANEL

#### MAINS

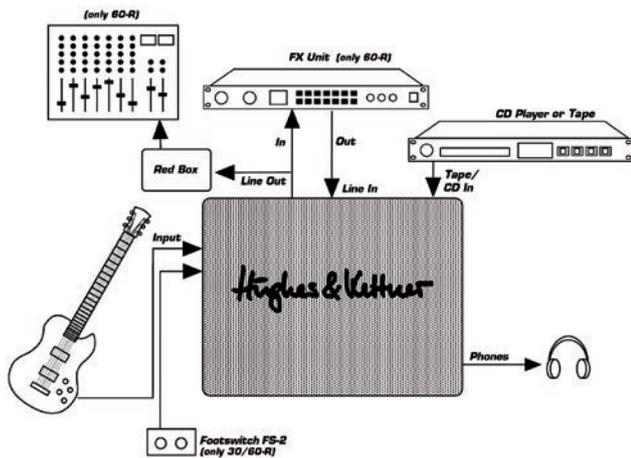
Connect the included Euro-norm mains cord to this socket. Ensure the amp's voltage rating matches your local AC voltage rating before you plug the cord into the wall socket.

#### CD/TAPE INPUT

Jack for connecting CD players (tape decks).



### 3. STANDARD SETUP/CABLE CONNECTIONS



### 4. OPERATING THE EDITION BLUE-R

#### 4.1 SELECTING CHANNELS

Use the CHANNEL SELECT switch or an external footswitch (30/60-R) to change channels.

**Note:** Before using a footswitch, set the CHANNEL SELECT switch on the front panel of the amp to the CLEAN position.

#### 4.2 THE EDITION BLUE-R AND CD PLAYERS

The EDITION BLUE-R is equipped with a CD/TAPE INPUT located on the rear panel for the connection of a CD player or another audio source (tape deck, DAT recorders). The circuit is controlled directly by the MASTER circuit of the EDITION BLUE-R, which means that you can use the MASTER knob to adjust the input signal's volume. To dial in the desired balance of levels for the playback and guitar signals, the connected playback device has to be equipped with some type of variable output control.

**Tip:** Most audio playback devices feature a variable headphones out. Using a corresponding adapter, you can connect it to the CD/TAPE INPUT.

**Note:** Before you switch on the audio playback device, turn the MASTER knob all the way down. Then turn up the MASTER knob a tad and dial in the desired balance levels. Once you're satisfied with these levels, gradually turn up the knob to the the desired overall level.

#### 4.3 THE EDITION BLUE-R AND SIGNAL PROCESSORS (only 60-R)

The effects loop on the EDITION BLUE-R is a serial effects loop, meaning that the entire preamp signal is routed to the FX device and processed there.

To connect a signal processor:

- Connect the processor's INPUT to the EDITION BLUE-R LINE OUT jack and the processor's OUTPUT to the EDITION BLUE-R LINE IN jack.
- To avoid noise, signal degradation, and interrupted signals, only use high-quality patch cables.
- Make sure the processor is not distorting the signal. Check the processor's gain LEDs (if it is equipped with this type of display) and use the input and output controls to dial in a suitable level.
- Distortion devices are not designed for use in an FX loop. As a rule of thumb, any kind of device that compresses the signal should be connected first in the signal chain. Depending on the type of effect you want to achieve, you may want to connect your compressor directly between the instrument and the amp's input.
- If you are using several processors or stomp boxes, ensure you connect them in the proper order.

#### 4.4 THE EDITION BLUE-R AND MIXING CONSOLES(60-R only)

If you want to feed the EDITION BLUE-R's signal to a mixing console, we recommend you route it through a Hughes & Kettner RED BOX. Patch the signal from the LINE OUT jack, as this signal path's level is not influenced by the MASTER setting. The RED BOX balances the signal and simulates a speaker cabinet.

### 5. SERVICE AND PREVENTIVE MAINTENANCE

The EDITION BLUE-R does not require service of any type. However, there are a few precautions you should heed to ensure your amp lasts for many years.

- Ensure all peripheral devices, cords and cables are in a state of good repair. Defective speaker cables are the most common cause of power amp failure. Poor-quality cables will cause hum and undesirable noise.
- Make certain your amp's ventilation ducts are not blocked or covered. Proper cooling will prolong the life of your amp.
- Avoid mechanical shocks and exposure to extreme heat, dust and especially moisture.
- When connecting peripheral devices, always pay close attention to their specifications. Never connect devices with high output signal levels (e.g. power amps) to your amp's input.
- Ensure you have the correct AC power rating available before you plug in the amp. If in doubt, ask the venue's sound technician or the custodian of the building you are rehearsing in.
- Refrain from do-it-yourself repairs! Have a qualified service technician replace internal fuses.

With the unit off and unplugged, use a soft damp cloth to clean the exterior surface of the EDITION BLUE-R.

## 6. TROUBLESHOOTING

The EDITION BLUE-R will not switch on:

- The amp is not getting any AC power. Check the mains cable to see if it is connected properly.
- The mains fuse is defective. Replace the fuse with another identical fuse. If this fuse also trips, consult your Hughes & Kettner dealer.

The EDITION BLUE-R is connected properly, but no sound is audible:

- One or several GAIN and MASTER controls may be turned all the way down. Dial in a higher setting.
- A short circuit in the speaker signal chain may have tripped an internal fuse. Make sure none of the connections are shorted out and have a qualified service-technician replace the fuse (identical specifications are a must).

The footswitch does not switch channels (30/60 only):

- The front panel selector switch may be in the LEAD position. Set it to CLEAN (in this case, CLEAN = off).
- The footswitch is not connected to the EDITION BLUE 60-R. Plug it into the appropriate jack.

When accessed, the LINE OUT/LINE IN jacks cause annoying hum (60 only):

- An electrical or magnetic field is causing interference. Use higher-quality cables or re-arrange the cables you are using to reduce interference to a minimum. If this still doesn't improve the situation, use a DI box.
- The grounding of the connected devices may be causing a ground loop. DO NOT SEVER THE GROUND OF THE CONNECTED DEVICES UNDER ANY CIRCUMSTANCES! Try plugging all devices into the same socket via an AC power distributor/power strip. If this doesn't eliminate the noise, you must ensure the connection is galvanically separated by routing the signal through a DI box.

You have connected an FX processor to the LINE OUT jack and the signal is totally distorted, even when you have dialed in a clean sound (60 only):

- The LINE OUT signal is overloading the input of the FX processor. Reduce the processor's input sensitivity ("INPUT" or "GAIN").

You have connected an FX processor to the LINE OUT jack of the EDITION BLUE-R and the signal's volume level is way too low (60 only):

- The FX processor's output level is set incorrectly. Turn it up.

## 7. TECHNICAL SPECIFICATIONS

	Edition Blue 15-R	Edition Blue 30-R	Edition Blue 60-R
Output Power into 8 ohms	15 watts	30 watts	60 watts
Max. power consumption	55 VA	70 VA	100 VA
Speaker	8" RockDriver Blue	10" RockDriver Blue	12" RockDriver Blue
Mains fuse 230/240 V (European model)	T 250 mA	T 315 mA	T 250 mA
Mains fuse 120 V (North-American model)	T 500 mA	T 630 mA	T 500 mA
Mains fuse 100 V (Japanese model)	T 500 mA	T 630 mA	T 630 mA
Internal Fuses	T 315 mA	T 315 mA	T 315 mA
Operational temperature range	-10° C - +35° C	-10° C - +35° C	-10° C - +35° C
Weight	7.3 kg/ 16 lbs	9.2 kg/ 20 lbs	13 kg / 29 lbs
Dimensions (W x H x D)	404 x 375 x 195 mm	440 x 410 x 220 mm	480 x 490 x 275 mm

This is to certify that

Hughes & Kettner

### Edition Blue-R 15/30/60

complies with the provisions of the Directive of the Council of the European Communities on the approximation of the laws of the Member States relating to electromagnetic compatibility according to EMC Directive 89/336/EEC including amendment 93/68/EEC and the low voltage Directive 73/23/EEC including amendment 93/68/EEC. This declaration of conformity of the European Communities is the result of an examination carried out by the Quality Assurance Department of STAMER GmbH in accordance with European Standards EN 50081-1, EN 50082-1 and EN 60065 for low voltage.



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Lothar Stamer Dipl.Ing.  
Managing Director  
St.Wendel, May/2007

Für das folgend bezeichnete Erzeugnis

Hughes & Kettner

### Edition Blue-R 15/30/60

wird hiermit bestätigt, dass es den wesentlichen Schutzanforderungen entspricht, die in der Richtlinie des Rates zur Angleichung der Rechtsvorschriften der Mitgliedsstaaten über die elektromagnetische Verträglichkeit 89/336/ EWG mit Änderungsrichtlinie 93/68/EWG und der Niederspannungsrichtlinie 73/23/EWG mit Änderungsrichtlinie 93/68/ EWG festgelegt sind. Diese Erklärung gilt für alle Exemplare und bestätigt die Ergebnisse der Messungen, die durch die Qualitätssicherung der Fa. Stamer Musikanlagen GmbH durchgeführt wurden. Zur Beurteilung des Erzeugnisses hinsichtlich elektromagnetischer Verträglichkeit wurden folgende Normen herangezogen: EN 50081-1 • EN 50082-1. Zur Beurteilung der Einhaltung der Niederspannungsrichtlinie wurde folgende Norm herangezogen: EN 60065



Diese Erklärung wird verantwortlich für den Hersteller  
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