




CHANGING
THE GAME.
SERIOUSLY.

Tri-Amp
mark 3

Hughes & Kettner
TECHNOLOGY OF TONE®



Taking TriAmp Mark 2 a major step forward was a challenge. Changing the game meant creating something radically new — so new, in fact, that it would redefine the status quo in tone, performance and design. But a Mark 3 also has to be a continuation, to look and feel familiar to its predecessors. With that in mind, we considered every feature that made TriAmp Mark 2 the amp of choice for many artists, re-engineered them all in the most forward-thinking way possible, and created something genuinely new. Something that no one has ever dreamed of before.

THREEDOM POWER AMP TECHNOLOGY

No limits, no compromises. This is what you get when 30 years of tube amp expertise combine with an absolute freedom of engineering. The result is a world of breath-taking tonal possibilities not offered by any other amp anywhere on the planet. Each of TriAmp Mark 3's six independent, action-packed channels represents a whole era of tone, and each of these six eras can be routed to three independent tube power amps. But there's more. You can also combine two or even all three of the power amps, merge different power amp characters, and play TriAmp Mark 3 with up to 150 watts of sheer tube power. This effectively lets you custom tailor your amp in the amp, recalling up to 128 sound constellations with the touch of a button via MIDI.

And if that's not enough, TriAmp Mark 3 leaves the Hughes & Kettner factory in St. Wendel, Germany equipped with two pairs of 6L6 power tubes and one pair of EL34s — but it works equally well with other tube types too. The revised TSC System — Tube Safety Control, which automatically and constantly biases tubes and keeps your amp in good health — allows you to combine KT66s, KT77s, KT88s, 6550s, 5881s, 7581s and/or 6CA7s. Imagine what this could do for your trademark sounds. TriAmp Mark 3 genuinely lets you usher in a new era of tone!

RED BOX AE

All this gives you 42 new base sounds onstage, 84 if you add the Stomp Boost — but that's still not everything. To perfectly capture your sounds in optimum quality, TriAmp Mark 3 comes equipped with the all-new Red Box AE, an FRFR-ready* DI output with Ambience Emulation — which makes performing onstage and in the studio easier than it's ever been.

Best of all, TriAmp Mark 3's breath-taking versatility and inspirational tonality is matched only by its ease and joy of use.

*FRFR: Full Range Flat Response, meaning you can directly connect the Red Box AE to an active PA monitor!

42 AMPS – IN ONE AMP.

Although TriAmp Mark 3 ships with one pair of EL34 tubes and two pairs of 6L6 tubes as standard, you can also use KT66s, KT77s, KT88s, 6550s, 5881s, 7581s and/or 6CA7s.

6 CHANNELS 6 ERAS OF TONE

| | |
|----------------------|------------------------------------|
| Channel 1A | Sparkling 50s Californian Clean |
| Channel 1B | Chimey 60s British Clean |
| Channel 2A | Classic 70s British Lead |
| Channel 2B | 80s Lead Brown Sound |
| Channel 3A | 90s Californian High Gain |
| Channel 3B | Modern-day High Gain And Beyond |

7 POWER AMP CONFIGURATIONS



TUBE # 1/2



TUBE # 3/4



TUBE # 5/6



TUBE # 1/2 + TUBE # 3/4



TUBE # 1/2



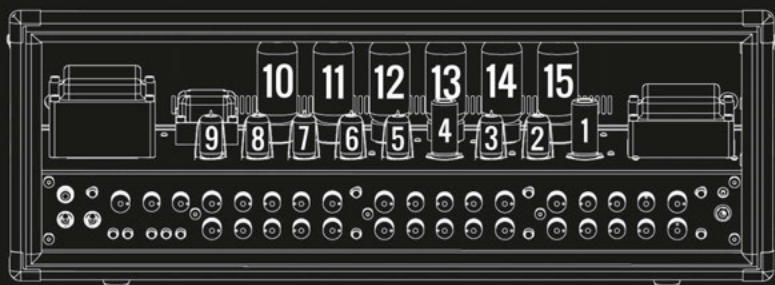
+ TUBE # 5/6



TUBE # 3/4 + TUBE # 5/6



TUBE # 1/2 + TUBE # 3/4 + TUBE # 5/6



TUBES

| No. | Type | Origin | Function |
|-------|--------------------------------|----------|---|
| 1 | 7025/E83CC (ECC83), High-Grade | Slovakia | Input Tube (active on all channels) |
| 2 | 12AX7A-C, select. | China | Channel 1B (Preamp) |
| 3 | ECC83, select. | Slovakia | Channel 1A-1B (Preamp Output) |
| 4 | ECC83, select. | Slovakia | Channel 2A-2B-3A-3B (Preamp) |
| 5 | ECC83, select. | Slovakia | Channel 2A-2B (Preamp Output) |
| 6 | ECC83, select. | Slovakia | Channel 3A (Preamp Output) |
| 7 | ECC83, select. | Slovakia | Channel 3B (Preamp) |
| 8 | ECC83, select. | Slovakia | FX Buffer (active on all channels) |
| 9 | ECC83, select. | Slovakia | Power Amp Driver (active on all channels) |
| 10/11 | EL34B-STR, select. | China | Power Tubes 1/2 |
| 12/13 | 6L6GC-STR, select. | China | Power Tubes 3/4 |
| 14/15 | 6L6GC-STR, select. | China | Power Tubes 5/6 |

| Power Amp Tubes (as shipped) / Power Output | 8 ohms / THD=10% | 8 ohms / THD=5% |
|---|------------------|-----------------|
| 2x EL34 | 84 watts | 34 watts |
| 2x 6L6 | 72 watts | 30 watts |
| 4x 6L6 | 126 watts | 93 watts |
| 2x 6L6 + 2x EL34 | 132 watts | 95 watts |
| 4x 6L6 + 2x EL34 (recommended) | 145 watts | 116 watts |

RED BOX

| | |
|-------------------|------------------|
| Red Box DI Out | XLR, balanced |
| Impedance | 2 k ohms |
| Output Level | 0 dBV (balanced) |
| Max. Output Level | +12 dBV |

MIDI

| | |
|--------------------|--|
| MIDI In | 7-pin (5-pin compatible), 20 V DC phantom power (150 mA) |
| MIDI Out/Thru | 5-pin |
| MIDI Board TSM 432 | included |

MECHANICAL DATA

| | |
|-------------------------------|-------------------------------------|
| Dimensions (WxHxD) and Weight | 740 x 393 x 254 mm, 22 kg/48.5 lbs. |
|-------------------------------|-------------------------------------|



TSM-432



Hughes & Kettner
TECHNOLOGY OF TONE

SPEAKERS

16 Ohms 1x 8 Ohms or 2x 16 Ohms 4 Ohms

Never use this amp without speakers connected!

RED BOX™ AE

Ambience emulated DI Out

Cabinet Mode 2 Low-Cut

TSC™

Insert guitar pick to read out tube matching

- best Bias
- overcurrent
- no current
- switched off

Power Amp Tubes

6 / 5 4 / 3 2 / 1

MIDI

In Out/Thru

TSM-432

NOISE GATE

Hard ◀▶ Soft

FX LOOP

Send -10 dB Return

FX Level FX Serial

MASTER INSERT

Preamp Out Power Amp In

PANEL

Dark ◀▶ Bright

TriAmp Mark 3 might just be the most intelligent, versatile tube amplifier the world has ever seen. But there's more to it than that. This is an amp that delivers brutal tonal intensity, with more sheer energy bubbling under your fingertips than you've ever experienced before.

**YOU DON'T KNOW GUITAR AMPS
UNLESS YOU'VE PLAYED TRIAMP MARK 3.
SERIOUSLY.**