



2017

ORANGE™

Beach Boys - 1971



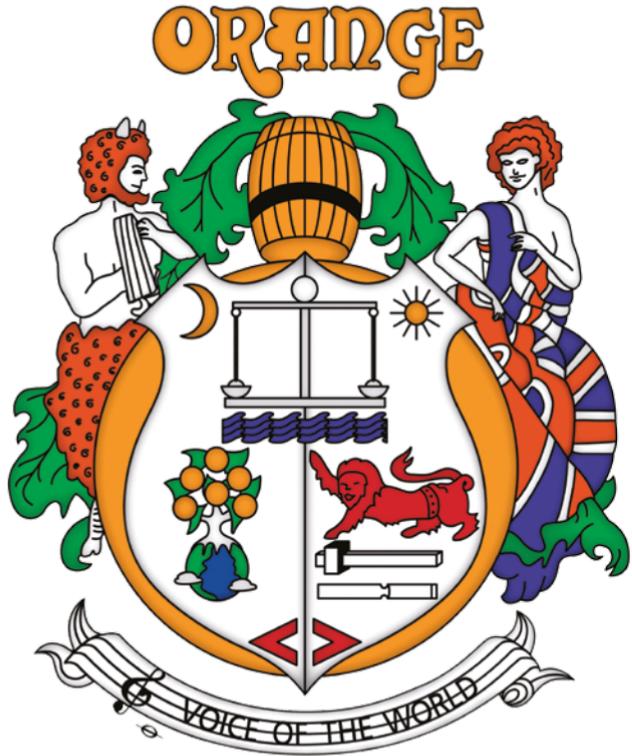
Johnny Winter - 1970



Tina Turner - 1972



John Lennon & Frank Zappa - 1972



INTRODUCTION

2016 was an exciting and eventful year for Orange Amplification. It marked the end of an era when we announced the retirement of our revolutionary Tiny Terror amplifier after ten years of production. The Rockerverb MKIII 50 & 100 became new favourites whilst many new and innovative products were introduced, ensuring Orange amps are now being used in more parts of the globe than at any stage in our near fifty-year history.

The newly-launched OBI, 4 Stroke and Crush bass amps have been an enormous success. We also introduced the awesome O Bass guitar to the world. Sales of the Bax Bangeetar, our first foray into the pedal market since the 1970s, literally took off when the legendary Billy Gibbons became its Ambassador. Our Two Stroke Boost and Amp Detonator pedals have also found their way onto many high profile pedalboards! Elsewhere, the O Edition Headphones have been an enormous

hit, winning rave reviews with both musicians and audiofiles.

Orange has a proud history of innovation with a particular focus on sound and tone. 2017 will see the release of the Rucker 15 and 32: two seriously brilliant combos. These are the result of an immense amount of skillful work by Technical Director, Adrian Emsley, and the global R&D team. The power, versatility and sound from these amps is amazing and it's in the amplifier that the "Magic happens". They introduce the new unique Natural Channel and the Gold Label Voice Of The World™ Speakers, delivering an unmatched and distinctive tone.

In addition, guitar pedal choices will be expanded with the launch of the Kongressor at Winter NAMM 2017 and a number of other pedals throughout the year. A first for Orange will be the launch of a two channel, studio quality acoustic pre-amplifier,

which we believe will be regarded as the best in its class with its purity of sound. A desktop PC - The Orange OPC Core (orangeopc.com) has been developed by Marketing Director Charlie Cooper, which twins with the OPC Core Amplifier developed with Adrian Emsley.

To keep up to date with everything here in the UK, be sure to check out our official website, forum and our social media. All are updated regularly with exciting news, plus product videos and ambassador interviews.

I would like to thank you for taking time to read this introduction and I would like to wish you a very special year in your own World Of Music.

A handwritten signature in black ink that reads "Cliff".

CLIFF COOPER
Founder & CEO

THE ORANGE STORY

THE ORANGE SHOP

In 1968, CEO Cliff Cooper, an electronics student and keen musician, borrowed £50 to start a musical instrument shop and recording studio in London's West End. Against the backdrop of one of the city's most vibrant districts, the shop was decorated with psychedelic script and painted a bright shade of orange which gave the company its name.

Even in those early days the shop was awash with stars. Famous musicians like John Lennon, Keith Richards, Brian Jones, Eric Clapton, Paul Kossoff, Marc Bolan, Peter Green and many others were all visitors to the store, whilst Brian Wilson, Robin Gibb, Mickie Most, John Miles and Stevie Wonder cut records in the basement.

MAKING ORANGE AMPS

As many distributors refused to supply the new business, Orange began designing products which quickly established a reputation for their innovation, superior quality and distinctive sound.

Initially made in low numbers and finished in our now legendary livery, the company went into full scale manufacturing in 1973 to satisfy the overwhelming demand. It was around this time the classic 'Pics Only' styling was developed, using hieroglyphic icons to explain the controls - characters that still proudly adorn our amplifiers today.

THE REBIRTH OF ORANGE

In 1978 the Orange shop was sadly forced to close as the entire street was scheduled for demolition. Small scale

manufacturing continued until the mid-1990s when operations moved to London's famous Denmark Street. With the Britpop craze well underway, and artists like Noel Gallagher of Oasis flying the flag for the brand, the 'Orange sound' was introduced to a new audience worldwide. Once again, Orange had outgrown itself and factory production resumed in the late '90s.

Today, with a team of the industry's finest engineers, we remain true to our founding values, committed to pushing back the boundaries of conventional design. From our very humble beginnings on New Compton Street, Orange Amplification has grown into an iconic global brand, earning legions of loyal supporters along the way who continue to make the 'Voice of the World' heard.



THE ESSENCE OF ORANGE

The key to the purest guitar tone is the route of least resistance - taking the most direct path from guitar to speaker. This idea has stood the test of time since the birth of Rock & Roll but the needs of the modern musician means that this is not always an option. The challenge for us is creating products that address the unimaginable: a vintage outlook that meets the uncompromising demands of today's guitarist.

Whatever your style, whatever your ability, plug into any Orange amplifier and you will instantly notice the intuitive, uncluttered design. But being uncomplicated should not be confused with lacking 'complexity'.

Every Orange amp is an instrument in its own right, with its own individual tonal character whilst never masking the true identity of you, the player.

Our ethos and belief in our methods means our amplifiers not only deliver superior sound but also feel and respond differently to anything else. Springy not spongy. Tight but not constrained. Never artificial, always musical. This is why our amps are heard day after day in studios and on stages worldwide.

It would be very easy for us to rely on our unmistakable image alone to promote ourselves but at Orange we don't do 'style over substance'.

Our custom wound transformers are industry leading whilst our circuitry is painstakingly designed for lower noise and astonishing levels of clarity.

Through our superbly crafted cabinetry, precision metalwork, rugged hardware and tough upholstery, Orange has become a byword for quality.





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CUSTOM SHOP 50



Combining a straightforward front panel, elegant construction and exquisite Blues-Rock tones, the Custom Shop 50 is the quintessential player's amp. Meticulously hand-wired in the Orange Custom Shop using premium grade components the internals are nothing short of a work of art.

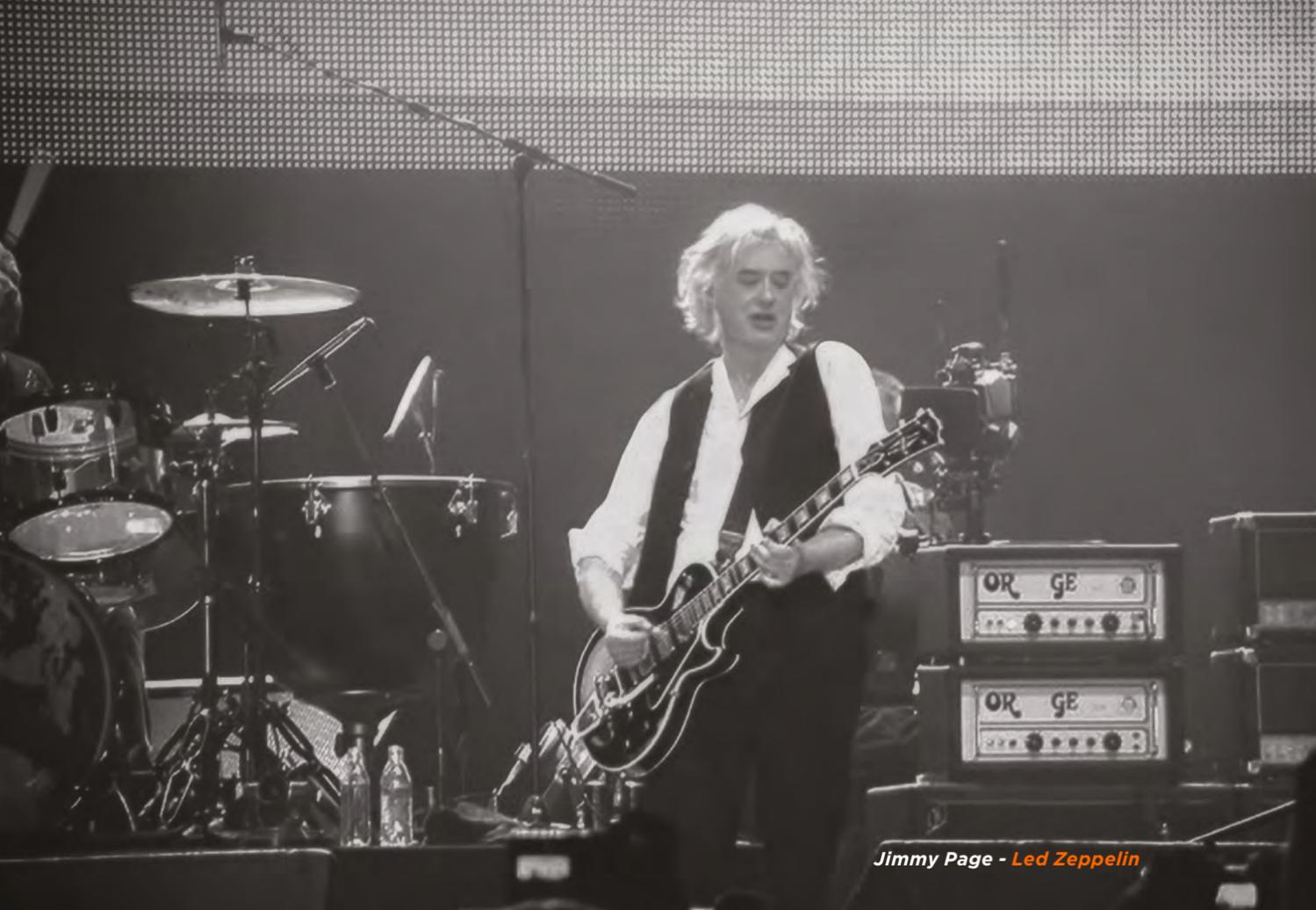
Switching from 30 Watts Class A to 50 Watts Class A/B output alters the amp's feel and response whilst our unique HF Drive control allows for fine tuning of the upper harmonics. A footswitchable EQ lift provides an awe-inspiring canvas for lead work, adding fullness and singing sustain.

CUSTOM SHOP 50

HAND-WIRED | 50 WATT CLASS A/B MODE | 30 WATT CLASS A MODE |
FOOTSWITCHABLE EQ LIFT | HF DRIVE CONTROL | ALL VALVE DESIGN



Model	Format	Channels	Hand-Wired	EQ Lift	Valves	Speaker Outs	Size (WxHxD)	Weight
CUSTOM SHOP 50	50W Class A/B & 30W Class A Head	1	Yes	Yes	2 x ECC83/12AX7 2 x EL34	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	55 x 27 x 24cm 21.65 x 10.63 x 9.45in	18.6 kg 40.9 lb



Jimmy Page - *Led Zeppelin*

AD30 TWIN CHANNEL

TWIN CHANNEL DESIGN WITH DUAL MASTER VOLUME CONTROLS | ALL VALVE DESIGN WITH VALVE RECTIFIER



Format 30W Class A Head

Channels 2

Valve Rectifier Yes

Valves 4 x ECC83/12AX7
4 x EL84
1 x GZ34

Speaker Outs 1 x 16Ω, 1 x 8Ω
or 2 x 16Ω

Size (WxHxD) 55 x 27 x 24cm
21.65 x 10.63 x 9.45in

Weight 16.5 kg
36.4 lb

The AD30 Twin Channel is the successor to the AD30 (pictured left) and captures the warm, time-honoured EL84 sound that defined an era. This amp has gained a deserved reputation amongst Country pickers, Blues players and Indie artists for glassy bell-like cleans, edgy crunch tones and controlled natural compression.

Wonderfully receptive to different guitars and playing styles, this head is a purist's dream. The valve rectifier imparts its own distinct vibe for players seeking a more vintage feel and responsiveness.

ROCKERVERB 50 MKIII



The very definition of the contemporary two channel 50 Watt head. Switching down to 25 Watts in half power mode gives the amp a slightly more sensitive character, carefully treading the line between vintage and modern whilst never losing articulation.

ROCKERVERB 50 MKIII COMBO



Without question one of the finest valve combos in the music industry today. Two Celestion Vintage 30 speakers in an open-back birch plywood combo format takes the inimitable character of the 50 Watt head to another tonal dimension.

ROCKERVERB 100 MKIII



Based on the same feature set as its 50 Watt sibling but with more output switching options, the Rockerverb 100 MKIII head is a 100W powerhouse for those guitarists demanding crystal cleans and even greater headroom.

Model	Format	Channels	FX Loop	Attenuator	Spring Reverb	Valves	Speaker Outs	Size (WxHxD)	Weight
ROCKERVERB 50 MKIII	50/25W Class A/B Head	2	Yes	Yes	Yes	4 x ECC83/12AX7 3 x ECC81/12AT7 2 x EL34	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	55 x 27 x 28cm 21.65 x 10.63 x 11in	20.8 kg 45.8 lb
ROCKERVERB 50 MKIII COMBO	50/25W CLASS A/B 2X12" Combo	2	Yes	Yes	Yes	4 x ECC83/12AX7 3 x ECC81/12AT7 2 x EL34	2 x Celestion Vintage 30	66.5 x 53.5 x 30.5cm 26.18 x 21.06 x 12in	37.6 kg 82.9 lb
ROCKERVERB 100 MKIII	100/70/50/30W Class A/B Head	2	Yes	Yes	Yes	4 x ECC83/12AX7 3 x ECC81/12AT7 4 x EL34	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	55 x 27 x 28cm 21.65 x 10.63 x 11in	24.6 kg 54.1 lb

ROCKERVERB SERIES

NON-MASTER VOLUME CLEAN CHANNEL | VERSATILE HIGH GAIN DIRTY CHANNEL | FOOTSWITCHABLE ATTENUATOR | FOOTSWITCHABLE VALVE DRIVEN SPRING REVERB | VALVE BUFFERED FX LOOP | SELECTABLE WATTAGE | ALL VALVE

The Rockerverb Series demonstrates better than anything else that a workhorse amp can be a master of all trades. Its supreme versatility has proved a hit with session aces, both in the studio and on the road.

The latest Rockerverb models combine over a decade of user feedback with a number of new details and improvements to the design. These elements combine to make the MKIII the finest sounding and most feature-laden Rockerverb to date.

The Clean channel has been revamped with a more 'chimey' character and even greater headroom, yielding tones that really shine with the amp's valve-driven reverb. The Dirty channel retains the trademark articulation and low end response that has made the Rockerverb series such a hit.

Each MKIII model features selectable output power modes and our popular footswitchable attenuator for fine-tuning the amp to any situation.



Tim Sult - Clutch

DUAL DARK SERIES

TWO MASTER VOLUME CHANNELS WITH FOUR STAGES OF HIGH GAIN | FOOTSWITCHABLE ATTENUATOR | SELECTABLE WATTAGE | VALVE BUFFERED FX LOOP | ALL VALVE

Our highest gain amplifiers to date and our very first amps to offer four stages of gain on two channels, the Dual Dark heads are both aggressive and flexible at the same time.

These amps exhibit a lightning fast attack that's perfect for percussive down-tuned riffing. With gain and master volume controls on both channels, either can dial up clean, overdrive or insane levels of distortion making these amps incredibly pliable despite their obvious Metal roots.

Channel A reveals a fat and powerful voicing with strong open mids and a tight bass response. Channel B takes its roots from our much loved Dark Terror model, featuring our popular Shape voicing control.

Both models in the series feature switchable output power modes and a footswitchable attenuator.



Matt Pike - Sleep

DUAL DARK 50



A high gain 50 Watt head which makes no concessions. The Dual Dark 50's proprietary output transformer design ensures excellent string-to-string clarity and a bass response that always remains tight and focussed. The full 50W can be scaled down to 25W for more output valve distortion at lower volumes.

DUAL DARK 100



The Dual Dark 100's bigger output section allows for even greater control over the massive levels of preamp gain available. The bottom end punch and midrange clout is truly staggering, whilst the output can be tamed from 100W down to 70W, 50W or 30W for greater control over the amp's output valve clipping and saturation.

Model	Format	Channels	FX Loop	Attenuator	Valves	Speaker Outs	Size (WxHxD)	Weight
DUAL DARK 50	50/25W Class A/B Head	2	Yes	Yes	2 x EL34 5 x 12AX7 1 x 12AT7	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	55 x 27 x 24cm 21.65 x 10.63 x 9.45in	21 kg 46 lb
DUAL DARK 100	100/70/50/30W Class A/B Head	2	Yes	Yes	4 x EL34 5 x 12AX7 1 x 12AT7	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	55 x 27 x 24cm 21.65 x 10.63 x 9.45in	24 kg 52 lb

ROCKER SERIES

UNIQUE 'NATURAL' CHANNEL | EXCELLENT PEDAL PLATFORMS | 10" GOLD LABEL VOICE OF THE WORLD™ SPEAKERS | COMPACT FORMAT WITH OUTSTANDING PROJECTION | SELECTABLE WATTAGE | ALL VALVE

Rocker Series combos are designed for the gigging musician on the move. Although compact in size, these amps pack a serious punch whilst each model has its own unique functionality that set them apart from the crowd.

The Rocker 15's various output power modes make it an amp for virtually every occasion, whilst the Rocker 32's stereo effects loop is a pedal lover's delight. Both models feature a unique twin channel design, with a 'Natural' channel that features just one control: Volume. Quite literally, you get out what you put in.

Single coils ring out with true clarity and humbuckers sing with woody overtones. Cleaner settings produce clear, glistening tones whilst cranking the volume reveals a bluesy crunch that loves to be kicked harder with boost and overdrive pedals.

The 'Dirty' channel has a more traditional layout with Gain, Master Volume and a three band EQ. It too can be set on the cleaner side as a second rhythm sound, or dialled for various flavours of British grit.



ROCKER 15



The Rocker 15 will deliver pure valve tone wherever your music takes you. With its clever Headroom / Bedroom / Bedroom switch plus full and half power modes, this amp moves seamlessly between the bedroom, the studio and the stage, without compromise. It's like owning three amps in one.

ROCKER 32



The Rocker 32's stereo effects loop can unlock your pedalboard's true potential. For epic panning delays and massive soundscapes, connect stereo effects for enormously spatial tones that wash over the audience. Mono effects can be patched in 'wet / dry' mode for better separation, with your effects appearing on one speaker and your unaffected tone on the other.

Model	Format	Channels	Headroom / Bedroom Switch	FX Loop	Valves	Speakers	Size (WxHxD)	Weight
ROCKER 15	15 / 7 / 1 / 0.5W Class A Combo	2	Yes	Yes (Mono)	3 x ECC83/12AX7 1 x ECC81/12AT7 2 x EL84	1 x VOTW 10" Gold Label	47 x 41 x 26cm 18.50 x 16.14 x 10.24in	13.6 kg 29.9 lb
ROCKER 32	30 / 15W Class A Stereo Combo	2	No	Yes (Stereo)	4 x ECC83/12AX7 2 x ECC81/12AT7 4 x EL84	2 x VOTW 10" Gold Label	58 x 46 x 29cm 22.83 x 18.11 x 11.42in	23.3 kg 44.8 lb

TH30



The TH30 head has proved to be one of the most popular amps in the range thanks to its simplicity and versatility. The output section can be scaled down from 30 to 15 or 7 Watts for even more flexibility.

TH30 COMBO



With the same features as the TH30 head, plus our Voice of the World Silver Label speaker and an all plywood construction, this amp never falls foul of the 'boxy' label that plagues so many other combos.

Model	Format	Channels	FX Loop	Valves	Speakers	Size (WxHxD)	Weight
TH30	30 / 15 / 7W Class A Head	2	Yes	4 x ECC83/12AX7 1 x ECC81/12AT7 4 x EL84	1 x 16Ω, 1 x 8Ω or 2 x 16Ω outputs	55 x 27 x 24cm 21.65 x 10.63 x 9.45in	15.6 kg 34.3 lb
TH30 COMBO	30 / 15 / 7W Class A Combo	2	Yes	4 x ECC83/12AX7 1 x ECC81/12AT7 4 x EL84	1 x VOTW 12" Silver Label	51 x 47 x 28cm 20.08 x 18.5 x 11.02in	22.4 kg 49.3 lb

TH30 SERIES

NON-MASTER VOLUME CLEAN CHANNEL |
HIGH GAIN DIRTY CHANNEL | INTUITIVE
FRONT PANEL | SELECTABLE WATTAGE |
VALVE BUFFERED FX LOOP | ALL VALVE

With jangly EL84 cleans and high gain filth coexisting in perfect harmony, TH Series amplifiers excel whatever the situation.

These amps are characterised by their 'plug and play' usability and the sheer range of tones that can be dialled in with just six controls is nothing short of jaw-dropping.

A non-master volume Clean channel delivers sweet, crystalline cleans, right up to the point of breakup. The Dirty channel features our Shape control which completely re-voices the amp with a simple turn of a knob.

However you set it, the TH30 amps remain unerringly focussed, steeped in complex harmonic overtones even at maximum gain settings.



TERROR SERIES

ALL VALVE* | SELECTABLE WATTAGE* |
PORTABLE, STRAIGHTFORWARD DESIGN |
STILL HIGHLY RESPONSIVE

*Except Micro Heads

Often imitated, but never equalled, our legendary Tiny Terror quite literally turned the guitar world upside down upon its launch in 2006. Combining ultra-portability with an outstanding array of valve tones, Orange gave the world the first 'lunch box' amp head which continues to set the standard by which all other low wattage valve amplifiers must be judged.

Although the original Tiny Terror is now retired, it has spawned a new generation of portable heads, each delivering their own distinctive voice with minimal fuss.

The lower output ratings produce highly musical EL84 valve breakup* at more manageable volumes whilst still being able to cut through the mix on smaller stages.

The Terrors' huge sonic range, supreme usability and switchable output options* has made them the 'go-to' amps for studio engineers and producers alike.

Watch the Tiny Terror documentary, search 'Tiny Terror: The Original Lunchbox Amplifier'



Laura Cox - Laura Cox Band - Photography legallic.net

DUAL TERROR



With 30 Watts of output the Dual Terror is the most powerful model in the Terror range, offering more clean headroom and volume with the added flexibility of a second channel. The first channel is lifted straight from the original Tiny Terror, whilst the additional 'Fat' channel provides extra girth with its more rounded, slightly gainier character.

DARK TERROR



The Dark Terror is a true master of saturated distortion and much more besides. The amp's clever Shape control varies the midrange structure, from scooped thrashy rhythm tones in the fully clockwise position, to a more classic voicing (anticlockwise) with boosted mids and smooth highs, and everywhere in between.

Model	Format	Channels	FX Loop	Valves	Speaker Outs	Size (WxHxD)	Weight
DUAL TERROR	30/15/7W Class A Head	2	No	4 x ECC83/12AX7 4 x EL84	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	36 x 21 x 19cm 14.17 x 8.27 x 7.48in	9.8 kg 21.5 lb
DARK TERROR	15/7W Class A Head	1	Yes	3 x ECC83/12AX7 1 x ECC81/12AT7 2 x EL84	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	30 x 19 x 15cm 11.81 x 7.48 x 5.90in	5.7 kg 12.5 lb

TERROR SERIES

SIGNATURE #4 JIM ROOT TERROR



Our first ever signature amplifier is based directly on the Dirty Channel of Jim Root's own Rockverb model. A powerful three band EQ and four stages of high gain capture the trademark savage riffing tones that have propelled the Slipknot ace to the status of a contemporary Rock legend.

Jim Root - Slipknot



Model	Format	Channels	FX Loop	Valves	Speaker Outs	Size (WxHxD)	Weight
SIGNATURE #4 JIM ROOT TERROR	15/7W Class A Head	1	Yes	3 x ECC83/12AX7 1 x ECC81/12AT7 2 x EL84	1 x 16Ω, 1 x 8Ω or 2 x 16Ω	30 x 19 x 15cm 11.81 x 7.48 x 5.90in	5.7 kg 12.6 lb

MICRO TERROR



The diminutive Micro Terror is a global phenomenon. Taking its inspiration from the original Tiny Terror, this miniature incarnation couples a valve preamp to a solid state output section for enormous tones that makes a mockery of its pint-sized frame.

MICRO DARK



Building on the success of our Dark Terror and Dual Dark amps, we've distilled some of this dirty DNA into the Micro Dark. With the same Shape control as its bigger brothers, this high gain hybrid amp is much more versatile than first appearances might suggest.



Model	Format	Headphone out	Aux In	Channels	FX Loop	Valves	Speaker Outs	Size (WxHxD)	Weight
MICRO TERROR	20W Hybrid Head	Yes	Yes	1	No	1 x ECC83/12AX7	1 x 8Ω or 16Ω	16.5 x 13.5 x 9.5cm 6.5 x 5.3 x 3.74in	0.9 kg 1.9 lb
MICRO DARK	20W Hybrid Head	Yes (With CabSim)	No	1	Yes	1 x ECC83/12AX7	1 x 8Ω or 16Ω	16.5 x 13.5 x 9.5cm 6.5 x 5.3 x 3.74in	0.8 kg 1.7 lb

Watch the Micro Terror comedy short, search *'Orange Amps Saves The Day (Featuring Mastodon)'*

Watch the Micro Dark comedy short, search *'Orange Micro Dark Guitar Amp (Featuring Mastodon)'*

OR15

CLASSIC ORANGE TONE | OUTSTANDING DYNAMICS | ALL VALVE



Our smallest ever 'sleeved' head, the OR15 is a compact 15 Watt amp with a more boutique voicing that distinguishes it from the other lower wattage models in our Terror Series. Amazingly playable and switchable down to 7 Watts, the OR15 is as much about 'feel' as it is great tone, encouraging players to reacquaint themselves with the classic art of 'riding the volume' control.

Format 15/7W Class A Head

Channels 1

FX Loop Yes

Valves 3 x ECC83/12AX7
1 x ECC81/12AT7
2 x EL84

Speaker 1 x 16Ω, 1 x 8Ω
Outs or 2 x 16Ω

Size 40 x 21 x 18cm
(WxHxD) 15.75 x 8.27 x 7.09in

Weight 8.1 kg
17.8 lb



Superior

CRUSH PRO SERIES

PURE ANALOGUE TONE | TWIN CHANNEL DESIGN
 BASED ON THE ICONIC ROCKERVERB | HALL/PLATE/
 SPRING REVERB | SILVER LABEL VOICE OF THE WORLD™
 SPEAKERS | FULL PLYWOOD SHELLS

Crush Pro marks our first foray into the realm of high-powered, stage-ready solid state amplifiers. In developing the Crush Pro range we have embraced this analogue technology and honed it to the point of perfection.

Taking its inspiration from the twin channel circuit in our prestigious Rockerverb series, the Crush Pro range has been designed for demanding musicians.

The result is amplifiers that deliver the detailed tonal characteristics that have been our hallmark for nearly 50 years, coupled with extraordinary levels of versatility and impeccable construction to match.

CRUSH PRO 60 COMBO



This classic 60 Watt 'grab and go' 1x12" combo combines portability with an array of high class tones.

CRUSH PRO 120 COMBO



With twice the power of the Crush Pro 60, this 2x12" model yields even more clean headroom making it a great partner for larger venues.

CRUSH PRO 120



The Crush Pro 120 Head is an obvious choice for players in need of a gutsy, dependable, lightweight top.

Model	Format	Channels	FX Loop	Digital Reverb	Speakers	Size (WxHxD)	Weight
CRUSH PRO 60 COMBO	60W Combo	2	Yes	Yes	1 x VOTW 12" Silver Label	55 x 45 x 28cm 21.65 x 17.72 x 11.02	20.3 kg 44.6 lb
CRUSH PRO 120 COMBO	120W Combo	2	Yes	Yes	2 x VOTW 12" Silver Label	66 x 53 x 30cm 25.98 x 20.87 x 11.81in	29 kg 63.7 lb
CRUSH PRO 120	120W Head	2	Yes	Yes	1 x 16Ω, 1 x 8Ω or 2 x 16Ω outputs	55 x 23 x 25cm 21.65 x 9.06 x 9.6in	14.4 kg 31.8 lb

CRUSH SERIES

ALL ANALOGUE SIGNAL PATH | CUSTOM VOICE OF THE WORLD™ SPEAKERS | GENUINE ORANGE STYLING

The Crush range introduces guitarists of all levels to the essence of Orange. With custom Voice of the World speakers, these models create 'gut punch' analogue-driven tones with highly responsive overdrive and levels of detailed saturation never before heard in a practice amplifier.

Full format models feature our CabSim circuit which faithfully emulates the muscle of an Orange 4x12" cabinet through the headphone output, whilst channel switching is featured on 20W and 35W models.



MICRO CRUSH

Orange tone in the palm of your hand. Features include 9V battery or AC adapter operation, switchable overdrive, built-in tuner and authentic styling that has been our signature since the very beginning.

Model	Format / Speakers	Channels	CabSim	Aux in	High Gain Preamp	Tuner	Reverb	FX Loop	Size (WxHxD)	Weight
MICRO CRUSH	3W Combo 1 x 4" Crush Speaker	1	No	No	No	Yes	No	No	15 x 15 x 8.5cm 5.91 x 5.91 x 3.35in	1 kg 2 lb
CRUSH 12	12W Combo, 1 x 6" VOTW Speaker	1	Yes	No	No	No	No	No	30.5 x 29 x 17.5cm 12 x 11.42 x 6.88in	4.7 kg 10.4 lb
CRUSH 20	20W Combo, 1 x 8" VOTW Speaker	2	Yes	Yes	Yes	No	No	No	37.5 x 32 x 19.7cm 14.67 x 12.8 x 7.75in	7.15 kg 15.8 lb
CRUSH 20RT	20W Combo, 1 x 8" VOTW Speaker	2	Yes	Yes	Yes	Yes	Yes	No	37.5 x 32 x 19.7cm 14.67 x 12.8 x 7.75in	7.2 kg 15.9 lb
CRUSH 35RT	35W Combo, 1 x 10" VOTW Speaker	2	Yes	Yes	Yes	Yes	Yes	Yes	44 x 40 x 23cm 17.32 x 15.75 x 9in	11 kg 25 lb



CRUSH 12

Designed for players with a no-nonsense attitude, this compact combo features a dedicated overdrive control, a three band EQ and our CabSim headphone output for huge tones at whisper quiet levels.



CRUSH 20

From crystal clean to rich distortion, all with the flick of a switch, this twin channel Crush serves up a hugely versatile range of stellar tones. Thanks to its high gain four stage preamp, the Crush 20's impressively bold sound belies its small footprint.



CRUSH 20RT

The Crush 20RT builds on Crush 20's awesome tonal platform and takes the feature set even further. An on-board chromatic tuner is a handy addition, whilst the amp's digital spring reverb adds a lush third dimension to any sound.



CRUSH 35RT

The Crush 35RT's larger size and bigger output section delivers even greater punch and volume. With its twin channel design, digital reverb, chromatic tuner, CabSim and a buffered effects loop, this combo goes way beyond the call of the traditional 'practice' amplifier.



PEDAL SERIES

BAX BANGEETAR



GUITAR PRE-EQ

As a traditional stompbox the Bax Bangeetar is in a class of its own, boasting a unique and hugely versatile gain structure with extensive EQ controls. Dial in an enormous range of overdriven and distorted tones, delivered with a feel and responsiveness rarely found in pedals.

Beyond that, this preamp pedal is an invaluable tool, allowing you to tailor your tone to any setup with absolute precision via its fully parametric mid controls. It also features a CabSim output for direct recording.

AMP DETONATOR



BUFFERED ABY

The Amp Detonator is the smallest active ABY amp switcher on the market. The isolated transformer output has been engineered to be as transparent as possible, whilst both outputs are buffered with a low noise, linear circuit. Drive any length of cable to your amps and switch silently between them.

TWO STROKE



BOOST EQ

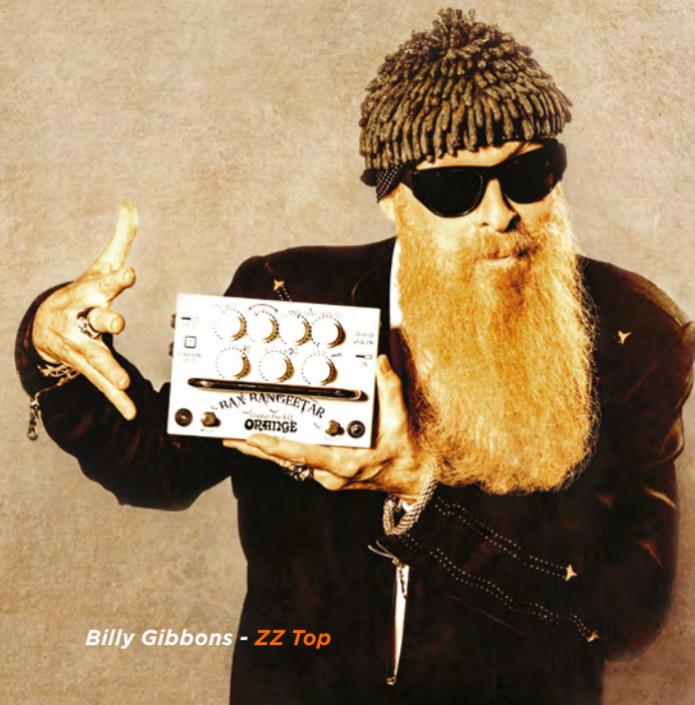
The Two Stroke Boost EQ is our take on the essential 'clean boost' pedal but with even more flexibility. Combining dual semi-parametric EQs and up to 12dB of output boost the Two Stroke is the perfect tool for fine-tuning your sound or pushing your amp's front end with unsurpassed control.

KONGPRESSOR



COMPRESSOR

This is one of those rare pedals you'll really miss when it's bypassed. Whichever way the controls are set, the Kongpressor's Class A circuitry adds a satisfying character to the sound - transparent but somehow fatter. The result is a more punchy and full-bodied tone with great feel under the fingers.



Billy Gibbons - ZZ Top

The Orange Shop - London, Circa 1970



Merchandise available at orangeamps.com



Glenn Hughes

AD200 MK3

200W CLASS A/B | SIMPLE EFFECTIVE EQ |
ALL VALVE DESIGN | WIDE TONAL RANGE



Format 200W Class A/B Head

Valves 2 x ECC83/12AX7
1 x ECC81/12AT7
4 x 6550

Speaker 1 x 8Ω, 1 x 4Ω

Outputs or 2 x 8Ω

Slave Output Yes

Size (WxHxD) 55 x 27 x 28cm
21.65 x 10.63 x 11.02in

Weight 26.3 kg
57.9 lb

The AD200B MK3 is one of the purest sounding valve bass amplifiers ever produced. With four 6550 output valves pushing 200 Watts of power, there is no shortage of low end punch ensuring this head always cuts through the mix, whatever the situation.

The classic, uncomplicated design reveals a wide spectrum of earthy tones, from a heavy percussive grind, right through to rounded mellow hues that really bring the best out of flatwound strings.

OBI-300**4 STROKE 300****OBI-300 COMBO****OBI-500****4 STROKE 500**

Model	Format	Balanced Out	Line Out	Footswitchable	Speakers	Size (WxHxD)	Weight
OBI-300 COMBO	1 x 15" 300W Class A/B Combo	Yes	Yes	Gain	1 x 15" Eminence Neo	55 x 68 x 35cm 21.65 x 26.77 x 13.77in	29.7 kg 65.4 lb
OBI-300	300W Class A/B 2U Head	Yes	Yes	Gain	1 x 8Ω, 1 x 4Ω or 2 x 8Ω outputs	48.2 x 10 x 26.5cm 18.97 x 3.93 x 10.43in	9.5 kg 21 lb
OBI-500	500W Class A/B 2U Head	Yes	Yes	Gain	1 x 8Ω, 1 x 4Ω or 2 x 8Ω outputs	48.2 x 10 x 26.5cm 18.97 x 3.93 x 10.43in	10.1 kg 22.3 lb
4 STROKE 300	300W Class A/B 2U Head	Yes	Yes	Compression	1 x 16Ω, 1 x 8Ω or 2 x 8Ω outputs	48.2 x 10 x 26.5cm 18.97 x 3.93 x 10.43in	9.5 kg 21 lb
4 STROKE 500	500W Class A/B 2U Head	Yes	Yes	Compression	1 x 16Ω, 1 x 8Ω or 2 x 8Ω outputs	48.2 x 10 x 26.5cm 18.97 x 3.93 x 10.43in	10.1 kg 22.3 lb

OBI & 4 STROKE SERIES

ALL ANALOGUE DESIGN | CLASS A/B OUTPUT STAGE |
ACTIVE EQ | FOOTSWITCHABLE FUNCTIONALITY |
RACK MOUNTABLE | ACTIVE EQ

With all-analogue circuitry throughout, the 2U rack-mountable OBI & 4 Stroke Series amps speak with genuine authority.

The key to the OBI's unique sound is our footswitchable Blend circuit, inspired by the bi-amping trend of running guitar and bass amps simultaneously. This adds a veneer of controllable gain and increased harmonic content to the upper registers of the input signal. The lower frequencies and clean signal are left alone, staying warm and clear just as they would be in a 'bi-amped' setup. Punch in the Blend control to achieve anything from a transparent clean boost, to all-out filthy grind, and everywhere in between.

The 4 Stroke Series is suited to players demanding crystal clean tones with outstanding dynamics and clarity. The centrepiece of these amps is the uncompromising four band parametric tone stack which allows for an unparalleled level of control over the entire tonal spectrum. The 4 Stroke opens up limitless possibilities, whether you need to sculpt your signature sound, bring out the character of your instrument or overcome troublesome acoustic environments.



Sergio Vega - Deftones



CRUSH BASS SERIES

ALL ANALOGUE SIGNAL PATH | ACTIVE EQ | VARIABLE PARAMETRIC MID CONTROL | REFLEX PORTING | CABSIM HEADPHONE OUTPUT | AUX IN | CHROMATIC TUNER

Crush Bass amplifiers pack a host of professional details into a range of fat-sounding combos. Each model in the range features an active EQ with a parametric mid band for full tonal control, whilst the Crush Bass 50 and 100 include our popular footswitchable Blend circuit lifted straight from the OB1 series amps.

Custom-designed speakers, ported cabinets and an all-analogue signal path ensure these amps deliver the deep, warm sound that makes Orange Amps the choice of some of the world's most iconic bass players.

Handy features like a built-in tuner, aux input and CabSim headphone output means the Crush Bass series is primed for home practice, rehearsals and studio work. The Crush Bass 100 makes the step up to the stage with more output and balanced DI connectivity.

Theo Ellis - Wolf Alice - Photography : Andy DeLuca

CRUSH BASS 25



The Crush Bass 25's surprisingly beefy low end makes it the perfect miniature rig for students and pros alike.

CRUSH BASS 50



The Crush Bass 50 combines the essentials of a practice amp with extra tone shaping functionality.

CRUSH BASS 100



With enough power for smaller venues, the Crush Bass 100 is seriously versatile in both sound and application.

Model	Format	Cabsim	Parametric Mid	Aux In	Tuner	Blend/Gain	FX Loop	DI Out	Size (WxHxD)	Weight
CRUSH BASS 25	25W 1 x 8" Combo	Yes	Yes	Yes	Yes	No	No	No	32.5 x 36.5 x 23.5cm 12.8 x 14.37 x 9.25in	8.3 kg 18.3 lb
CRUSH BASS 50	50W 1 x 12" Combo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	43 x 48.5 x 27.5cm 16.93 x 19.09 x 10.83in	14.5 kg 31.9 lb
CRUSH BASS 100	100W 1 x 15" Combo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	51 x 55 x 35.5cm 20.28 x 21.65 x 13.98in	24.3 kg 53.5 lb

O BASS SERIES

- Finish Options**
- Tear Drop Sunburst
 - Off-black
 - Orange
- Construction**
- 4 String Fretted
 - Single Cutaway
 - Bolt-on
- Body**
- Okoumé
 - Basswood Veneer
 - A.B.S Binding on Tear Drop Sunburst & Off Black Versions
- Neck**
- Maple
 - Dual Action Truss Rod
 - Rosewood Fretboard
 - A.B.S Binding & Headstock Overlay
- Electronics**
- Split Coil Humbucker
 - Master Tone & Volume Controls
- Hardware**
- Nickel
- Included Extras**
- Padded Orange Gigbag
 - Alternative 3 Ply Scratch Plate



Sarah Quintero - Spotlights



The O Bass is the brainchild of Orange Technical Director and Lead Designer Adrian Emsley, whose inspiration came from his self-confessed love of vintage gear. Aside from its impeccably sleek lines and shapely aesthetics, the O Bass delivers the goods where it really matters. Plugging in reveals a sound with buckets of personality – familiar, yet somehow all of its own. A split-coil pickup wound to Ade's specifications bears a very distinctive sonic mojo, with a well-balanced bass response and a bold and defined mid-range.



We use high density 18mm birch plywood for its strength and durability. The use of superior materials contributes to the resonance our cabs are famous for.



All our cabinets are assembled and finished by hand. PPC guitar cabinets feature our basketweave grille which adds to their unique sound.

SPEAKER CABINETS

HIGH DENSITY 18MM BIRCH PLYWOOD SHELLS* | PARALLEL JACKS FOR DAISY CHAINING* | UNIQUE SKID RUNNERS*

*Except PPC108

Formidable construction and a tight, unflappable sound are just some of the reasons why the Orange cabinets are some of the most revered and most coveted in the music industry today.

Designed from the ground upwards to withstand a lifetime of punishment on the road.

The unique wooden skid runners fitted to the base allow for easier load-ins from the van to the venue. They also couple the cabinets to the stage for greater punch and low end response.

For added flexibility, most cabinets feature additional parallel output jacks allowing for daisy chaining to cabinets of the same impedance.



PPC108

The PPC108 is the mini companion cabinet for the Micro Terror and Micro Dark. Whilst the footprint may be small, with a shocking level of projection through its custom 8" speaker, the tone is anything but.



PPC112

The PPC112 is one of the most popular 1x12 cabinets on the market today and pairs perfectly with lower wattage heads. Its oversized closed-back enclosure produces a tight bottom end, warm mids and crisp highs.



PPC212OB

The PPC212OB's open-back design accentuates the top end frequencies whilst softening the bass response. This creates a spacious, three-dimensional chime which spreads the sound across the stage, ideal for cleaner styles or for those who want a more vintage sound from their amp head.



GUITAR CABINETS

#4 JIM ROOT PPC212

The Jim Root signature cabinet shares the same dimensions as the PPC212OB but its closed-back construction and Silver Label Voice of the World speakers give the cabinet an altogether different sound and response. The low end is tight and focussed with an aggressive midrange, perfectly voiced for modern styles.



Jim Root - Slipknot

PPC212

Effectively our flagship PPC412 slashed in half, our imposing closed-back PPC212 moves some serious air. With more directional focus than the PPC212OB, the PPC212's greater internal volume makes it ideal for players looking for maximum impact from a 2x12.



CRUSH PRO 412

The Crush Pro 412's compact dimensions emphasise the midrange frequencies when compared to our larger 4x12s. However, the quartet of Silver Label Voice of the World speakers help to maintain the unmistakably punchy character of a big cabinet.



PPC412AD

The PPC412AD is our classic 'slanted' cabinet with an angled front that produces rich mids and crisp, sparkling highs. With outstanding vertical projection these cabs conquer the problem of troublesome onstage monitoring.



GUITAR CABINETS



Scott Holiday - *Rival Sons*

PPC412

The commanding PPC412 is our full-sized 'straight front' 4x12" cabinet and is equipped with four Celestion Vintage 30 speakers. The immense power, low end focus and vocal midrange has made the PPC412 a mainstay of touring artists the world over.



Stephen Carpenter - Deftones



GUITAR CABINETS

Model	Format	Speakers	Rating	Ohms (Ω)	Jacks	Size (WxHxD)	Weight
PPC108	1 x 8 Closed-back, Mono	8" Voice of the World	20W	8	1	26 x 26 x 16.5cm 10.24 x 10.24 x 6.5in	4.1 kg 8.9 lb
PPC112	1 x 12 Closed-back, Mono	Celestion Vintage 30	60W	16	2	55 x 45 x 29cm 21.65 x 17.72 x 11.42in	14.8 kg 32.5 lb
PPC212OB	2 x 12 Open-back, Mono	Celestion Vintage 30	120W	16	2	66 x 52 x 30cm 25.98 x 20.47 x 11.81in	23.7 kg 52.1 lb
#4 JIM ROOT PPC212	2 x 12 Closed-back, Mono	12" Voice of the World Silver Label	120W	16	2	66 x 52 x 30cm 25.98 x 20.47 x 11.81in	26.6 kg 51.6 lb
PPC212	2 x 12 Closed-back, Mono	Celestion Vintage 30	120W	16	2	78 x 53 x 38cm 30.71 x 20.87 x 14.96in	31.7 kg 69.8 lb
CRPRO412	4 x 12 Closed-back, Mono	12" Voice of the World Silver Label	240W	16	2	69.5 x 68 x 37cm 27.36 x 26.77 x 14.57in	36.1 kg 79.6 lb
PPC412AD	4 x 12 Closed-back, Angled, Mono	Celestion Vintage 30	240W	16	2	77 x 74 x 36.5cm 30.31 x 29.13 x 14.37in	45.3 kg 99.9 lb
PPC412	4 x 12 Closed-back, Mono	Celestion Vintage 30	240W	16	2	77 x 74 x 36.5cm 30.31 x 29.13 x 14.37in	46.5 kg 102.5 lb

OBC115



OBC410



OBC212



Slot ported for an enhanced low end, the OBC115 makes the most of the classic feel and rounded bass response of a 15" speaker.

Definition and punch in abundance: with highly focussed mids and tonnes of sub, this 4x10 also features a three-position high frequency horn.

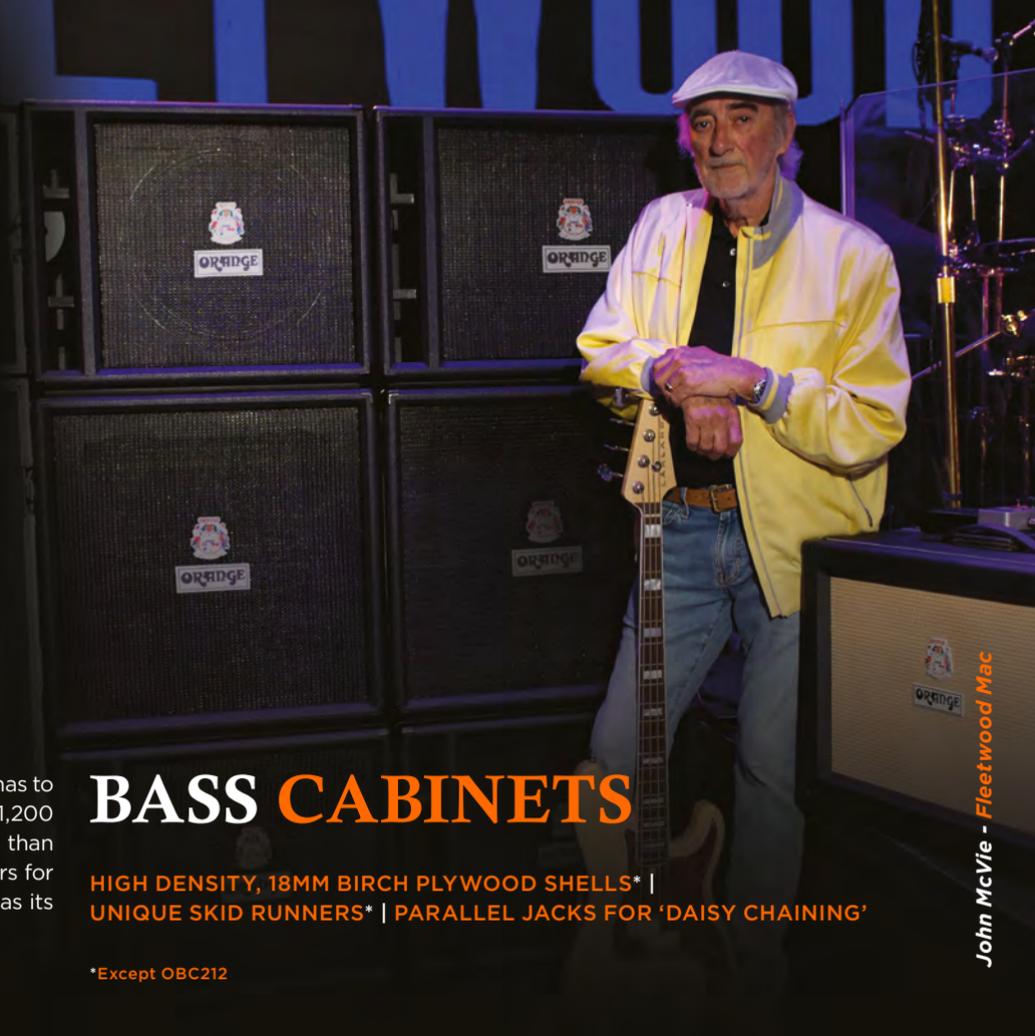
This ingenious isobaric cab positions one speaker behind the other in a phase coherent chamber for a more compact enclosure than a conventional 2x12.

Model	Format	Porting	Speakers	Rating	Ohms (Ω)	Jacks	Size (WxHxD)	Weight
OBC212	2 x 12 Isobaric	Slot	Eminence Neodymium	600W	8	2	53.5 x 48.5 x 38.5cm 21 x 19 x 15.1in	25 kg 55 lb
OBC115	1 x 15	Slot	Eminence Kappa 15	400W	8	2	62 x 52 x 46.5cm 15.16 x 20.47 x 18.31in	29.5 kg 65.2 lb
OBC410	4 x 10 + HF Horn	Reflex	Eminence Beta 10A	600W	8	2	64 x 62 x 45.5cm 25.2 x 24.41 x 17.91in	41 kg 90.4 lb
OBC810	8 x 10	None	Custom Eminence Legend	1200W	4	2	61.5 x 123 x 46cm 24.21 x 48.43 x 14.96in	59.4 kg 130.9 lb

OBC810



A true Orange classic, our OBC810 has to be experienced to be believed. This 1,200 Watt behemoth houses no fewer than eight 10" Eminence Legend speakers for a sound that is as earth-shattering as its imperial size would suggest.



BASS CABINETS

HIGH DENSITY, 18MM BIRCH PLYWOOD SHELLS* |
UNIQUE SKID RUNNERS* | PARALLEL JACKS FOR 'DAISY CHAINING'

*Except OBC212

John McVie - Fleetwood Mac

The VT-1000

tests most valves commonly found in audio amplifiers for:

- Arc detection/high voltage breakdown
- Heater filament: Short circuit
- Heater filament: Tolerance check
- Heater filament: Open circuit
- Heater cathode insulation: Leakage
- Heater cathode insulation: Short Circuit
- Heater current abnormalities
- Amplification factor
- Voltage gain
- Power gain
- Gas ionisation
- Mutual conductance
- Inter electrode leakage
- Dual test for double triodes
- Screen grid operation
- Inter electrode short circuit
- Emission

VALVE TESTER

Valves are the connection between your fingers and your amplifier. Ignore their health and your sound will suffer.

The VT-1000 is the world's first compact, fully automated valve tester, designed as an easy to use solution for professional technicians, working musicians and amplifier enthusiasts alike. It quickly performs an extensive range of tests in order for users to monitor the health of their valves and identify which are good, worn or have failed.

Its innovative grading function allows owners to match sets of output valves, whilst dual triode preamp valves are also graded how closely each side of the valve is matched.



Peter Maladrone - Brian May's Guitar Tech

PROFESSIONAL CABLES

PROFESSIONAL & TWISTER CABLES

ULTRA TRANSPARENT | DURABLE OUTER LAYER |
LIFETIME GUARANTEE | GOLD PLATED ¼-INCH JACKS |
HAND SOLDERED NEUTRIK® CONNECTORS | INSTRUMENT,
MICROPHONE & SPEAKER TYPES AVAILABLE

With a lifetime guarantee, Orange Professional Cables are manufactured using the finest components available. An oxygen-free copper core ensures optimum clarity and articulation. The woven nylon outer sleeve protects the cable from abuse ensuring the first link in your signal chain is also the strongest.

Neutrik is a registered trademark of Neutrik AG



UNIQUE TWISTER MODULE ELIMINATES TANGLING |
INSTRUMENT AND MICROPHONE TYPES AVAILABLE



The Twister cable was designed for demanding performers to solve the problem of onstage tangling. The patented Twister module is machined from lightweight, aircraft-grade aluminium and rotates freely on its axis to prevent the cable from knotting. The result: freedom of movement without bulky wireless units.





Lande Hekt - *Muncie Girls*



Mikey Demus - *Skindred*



Sergio Vega - *Deftones*



Scott Holiday - *Rival Sons*



The 'O' Edition headphones bring together all of our technical know-how to produce a set of cans with stunning sound and an elegant aesthetic. Etched into brushed stainless steel is the iconic Orange Crest, which signifies our unwavering commitment to quality - a pledge which has been a hallmark of our brand since we first opened our doors in 1968.



Watch - *'The Origin of Headphones - Unrated Unnecessary Director's Cut with Commercials'*

O EDITION HEADPHONES



A purposefully neutral EQ response makes for an open and revealing sound stage with detailed layers of separation in the mid range. Complex passages are faithfully reproduced without colouration, and with natural ambient noise isolation courtesy of the closed-back speaker enclosure design, the 'O' Edition creates a truly immersive listening experience.



Stevie Wonder - 1973



Johnny Cash - 1972



B.B. King - 1969



James Brown - 1970

ALSO AVAILABLE IN BLACK



ORANGE MUSIC ELECTRONIC COMPANY LTD.
108 RIPON WAY, BOREHAMWOOD, WD6 2JA, UK
ORANGEAMPS.COM | +44 020 8905 2828
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