

“British Sound” amplification since 1959



**guitar
and
bass
amplification**

**instrument
and
digital
amplification**

2017 edition 1



“British Sound” amplification since 1959

Founded in 1959 by Stuart and Sheila Mercer, in the English town of Nottingham, Carlsbro is among the very oldest British guitar amplifier companies, along with the likes of Vox, Selmer and WEM. The company even sold its famous 50 TOP valve heads to Jim Marshall's guitar shop before Marshall made amps of his own.

Stuart's first designs were hand made for bands like Shane Fenton and the Fentons, on the kitchen table. In fact almost all early Carlsbro amps were made for and sold directly to musicians. Demand grew throughout the early 60s, such that production moved from the kitchen table to the garage, and by 1968 Carlsbro amps were being used by the likes of Herman's Hermits, The Hollies, The Beatles and the Rolling Stones. There was now a fully fledged factory and adjoining showroom, displaying a range of “lead” and “bass” heads, cabinets and combos – it was classic tube heads like the 50 and 100 TOP that were making the company's reputation – and from that showroom grew a whole chain of ‘Carlsbro Sound Centre’ retail stores.

The 1970's saw continued growth, beginning with a move into a custom built factory in Nottinghamshire, near to the country's first motorway. The move introduced modern automated design and production techniques, enabling further increases in productivity and market share. Development of solid state designs produced a new range of market winning guitar and bass models, including the various Stingray series ranges, offering professional performance quality amps at a competitive price. The company was also making portable PA, having made “PA mixer amps” as far back as the valve CS series. By 1980 Carlsbro products were sold in over 26 countries and 300 stores in the UK alone. In 1984 it expanded still further acquiring HH Electronics, a market leader in portable PA and itself a successful manufacturer of solid state guitar and bass amps.

Throughout the '80s and '90s the brand continued to attract name players like the Gang of Four's Andy Gill (Stingray Super), American blues session player Gregg Wright (TC50), Marcus Cliffe, jazz man and session bass player (Paul Jones, Tom McGuinness, Steve Earl, Mark Knopfler, Eric Clapton, Rod Stewart, The Manfreds ...), Phil Mulford, another leading classical, jazz and session bass player (Beyoncé, Annie Lennox, Take That, John Dankworth, John Williams ...). Phil Mulford in fact worked with Carlsbro and the famous Overwater Basses in developing the killer Delta bass series amps.

In 2002, a deal was struck for Chinese manufacture of the British designs, to provide quality mass manufacture and give the company a cost competitive edge with the new competition from the Far East. While mass production was rolling off the line in China, there was still a custom design and build capability in the UK, making iconic models for the likes of Bill Nelson. Heritage tube designs, like the 50 TOP, TC50 head, and TC30 and TC 60 combos were back in the catalogue, alongside new series like the Sherwood acoustic and Kickstart practice amps.

In 2010 the Soundking Group, one of China's biggest musical equipment and professional audio companies, acquired ownership of Carlsbro; the company joining two other major UK heritage audio brands also recently acquired – the famous Cadac mixer company and the music technology manufacturer Studiomaster. Within the Soundking, Carlsbro has continued to advance, with product development and engineering based in the UK and increased production-line capabilities centered on the parent company's extensive Ningbo manufacturing base. Product lines have been consolidated, and still greater manufacturing quality control and price competitiveness achieved. Today a new phase in the Carlsbro story is about to unfold with a new era of killer British amp design.

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guitar amplification



STINGRAY D

what you want, when you want it
DIGITAL GUITAR MODELLING AMPLIFIERS

Patent No: 2016101185061

Making your dreams come true, the Stingray D40 all new digital modelling amplifier from Carlsbro is light, portable and full of features. Like the D5 and D10, the Stingray D40 is compact enough to be taken everywhere you go, you no longer need to wait to get on stage or in the studio before making music.

The Stingray D40 gives you eight different amplifier styles, from clean to acoustic, to a classic British amp sound. With the addition of gain, eq and dsp effects you can create any style you want.

The high power 5 to 40 watt amplifiers and rich musical twin 5" or 8" speaker give you a full bodied tone whichever choice of modelling sound you are going to use.

The ultra compact Stingray D5, fully featured Stingray D10, and now the high performance Stingray D40 make this new range from Carlsbro the perfect choice of amplifier for any guitarist who feels the need to play. Anytime. Anywhere.



STINGRAY D10

SPECIFICATIONS

Model	D10
Connections	INPUT (Standard Mono Phone), PHONES (Standard Stereo Phone), AUX IN (Stereo Mini), USB
Speakers	8cm Full Range x 2
Rated Output	20W (10W + 10W)
Power Source	AC Adaptor (input 100V-240V output 15V 3A) rechargeable battery
Dimensions	373.5x142x162.5mm
Weight	3.1kg



CLEAN : modelling an early breakup valve (6L6) amplifier, let your blues get a rich sound

CRUNCH : clear and bright distortion from an EL84 styled valve output

LEAD : modelled with EL34 valves, and giving a great mid range sound, a controllable amount of distortion

BRIT HI : high gain preamp and plenty of distortion. Just what you expected

MODERN : even more gain than the BRIT, but without the kick of the EL34's. The 6L6 model gives a powerful yet smooth distortion

FLAT : A completely flat response, perfect for when you want to try something different, and not use a guitar (D10 only)

ACOUSTIC : a simulated microphone channel to get a natural clear tone from the pick-ups on your acoustic guitar (D10 only)

BASS : a model of a powerful valve driven bass amplifier for that extra punch (D10 only)



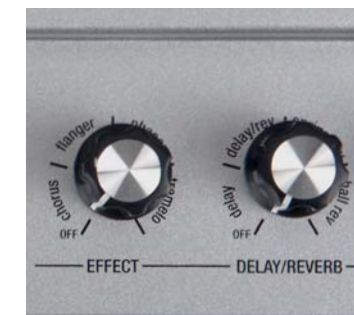
STINGRAY D5

EFFECT : add effects, delays and reverbs to your incredibly modelled sound

TAP TEMPO : quickly set your delay time with the touch of a button, or use the display as a chromatic tuner

USB : for MP3 recording and to connect to your computer to provide stereo playback direct from your pc.

USER MEMORIES : save your five favourite settings for install recall (D10 / D40 only)



POWER : Use the Stingray D5 and D10 with either the supplied AC power supply, or with battery power for up to 8 hours of use

PORTABLE : With its ultra compact design the Stingray D series has a convenient handle, allowing you to take your sound with you, everywhere you go

SOUND : Stereo playback from the twin high power high fidelity 5" loudspeakers located behind the illuminated front grill on the D5 and D10, or from the powerful 8" speaker on the D40

SPECIFICATIONS

Model	D5
Connections	INPUT (Standard Mono Phone), PHONES (Standard Stereo Phone), AUX IN (Stereo Mini), USB
Speakers	8cm Full Range x 2
Rated Output	20W (10W + 10W)
Power Source	AC Adaptor (input 100V-240V output 15V 3A) rechargeable battery
Dimensions	298.5x123x154mm
Weight	2.4kg



STINGRAY D

what you want, when you want it

DIGITAL GUITAR MODELLING AMPLIFIERS

CLEAN : modelling an early breakup valve (6L6) amplifier, let your blues get a rich sound

CRUNCH : clear and bright distortion from an EL84 styled valve output

LEAD : modelled with EL34 valves, and giving a great mid range sound, a controllable amount of distortion

BRIT HI : high gain preamp and plenty of distortion. Just what you expected



MODERN : even more gain than the BRIT, but without the kick of the EL34's. The 6L6 model gives a powerful yet smooth distortion

FLAT : A completely flat response, perfect for when you want to try something different, and not use a guitar

ACOUSTIC : a simulated microphone channel to get a natural clear tone from the pick-ups on your acoustic guitar

BASS : a model of a powerful valve driven bass amplifier for that extra punch



STINGRAY D40

SPECIFICATIONS

MODEL	D40
Display	LED
Sounds	Amp Type: Clean, Clean, Crunch, Lead, Brit hi, Modern, Bass, Aco, Flat Effects: Chorus, Flanger, Phaser, Tremolo, Delay, Delay/Reverb, Spring Reverb, Hall Reverb
Hardware	Controller: Amplifier Model, Gain, Master, Bass, Middle, Treble, Effect, Dly/Reverb, Guitar, USB Connections: AUX IN (Stereo Mini), INPUT (Standard Mono Phone), USB (record and play), Footswitch, Phones (Standard Stereo Phone)
Speakers	8" 8Ω
Rated Output	40W
Power Source	switching power supply AC100V-240V 50/60HZ
Size/Weight	415x400x250(mm)/12kg



STINGRAY D

models available

D5L



10 watt mains or lithium battery power
twin 3" hi-fi speakers for true fidelity
5 guitar amp models
EQ:tone and DSP effects
USB - PC playback

D10L



10 watt mains or lithium battery power
twin 3" hi-fi speakers for true fidelity
8 guitar amp models
three band EQ and DSP effects
USB - PC playback
5 user memories

D5



10 watt mains or lithium battery power
twin 3" hi-fi speakers for true fidelity
5 guitar amp models
EQ:tone and DSP effects
USB - PC playback
USB direct to memory stick recording facility

D10



10 watt mains or lithium battery power
twin 3" hi-fi speakers for true fidelity
8 guitar amp models
three band EQ and DSP effects
USB - PC playback
5 user memories
USB direct to memory stick recording facility

D40



40 watt
high performance 8" speaker
8 guitar amp models
three band EQ and DSP effects
USB - PC playback
5 user memories

KICKSTART

your destiny starts here

KICKSTART 10

The Kickstart 10 has become the favoured choice for the guitarist who requires a 10w practice combo loaded with tone plus outstanding user-friendly features, all at a realistic price. Impressive clean and overdrive sounds can be created using its switchable overdrive, 2 Band passive EQ and Reverb, all of which gives you the perfect entry level combo. Also featured, a universal audio input allowing use of your CD/MP3 player & that all important headphone socket output for the silent practice. The Carlsbro Powertone 8" speaker was specially selected, for this designed to 'rock 'n' roll backstage rehearsal combo.



KICKSTART 30

Packing a 30w punch, stylish looks, designed and built to perform, the Stingray 30 has everything you need. Channel switching is featured and with a simple press of a switch from Clean to Drive and using its Reverb function, Bass, Middle and Treble EQ controls you can tailor your sound from pure clean to stunning overdrive. Like its little brother it features an MP3 input allowing use of your MP3 player & headphone output for the silent practice.



The Kickstart range of guitar combos have been designed and voiced to deliver tones for today's budding guitarist. Their design enables anyone to start playing with the minimum of fuss, plus with their impressive features and sound quality will satisfy the more experienced guitarist.

With a choice of five combos the Kickstart series offers a choice suitable for any guitarist. Their impressive style, cool looks and robust build quality delivers the very highest standard of performance and construction.

KICKSTART 50

Need a little more power at your fingertips? The Kickstart 50 with its 50w power stage is the leader of this series and the natural choice. When in use, Reverb and Chorus which will give you additional life and colour for every sound selection. The essential Channel switching is standard, in use the switch facility allows Clean to Drive, adjusting the Bass, Middle and Treble; you can tailor your sound from pure clean to mind-blowing overdrive. The premium selected 12" speaker is brilliant and a perfect match. MP3 player input & headphone output for the silent practice.



KICKSTART 100

The Kickstart 100 with its 100w power stage is the leader of this series and gives you all the 50 has, but double the power. When in use, Reverb and Chorus control gives you the additional life and colour for every sound selection. The essential channel switching is standard, in use the switch facility allows clean to drive, and adjusting the bass, middle (with a useful mid-shift control) and treble you can tailor your sound from pure clean to mind-blowing overdrive. The premium selected 12" speaker is brilliant and a perfect match. MP3 player & headphone output for silent practice are also included.



SPECIFICATIONS

Model	Kickstart 10
Technology	Solid State
Channels	2 (with overdrive switch)
Power	10 watts
Inputs	Guitar input, MP3 input
Outputs	Headphone
Controls	Gain, Volume
EQ	Bass, Treble
Effects	Reverb
Speaker	6.5"
Impedance	8 ohms
Weight	5kg
Dimensions	312*290.5*177.5mm(wxhxd)

Model	Kickstart 30
Technology	Solid State
Channels	2 (with overdrive switch)
Power	30 watts
Inputs	Guitar input, MP3 input
Outputs	Headphone
Controls	Gain, Volume, Mid Shift
EQ	Bass, Middle, Treble
Effects	Spring Reverb, Chorus
Speaker	10"
Impedance	8 ohms
Weight	7.5kg
Dimensions	410.5*389.5*212.5mm(wxhxd)

Model	Kickstart 50
Technology	Solid State
Channels	2 (with overdrive switch)
Power	50 watts
Inputs	Guitar input, MP3 input
Outputs	Headphone
Controls	Gain, Volume, Mid Shift
EQ	Bass, Middle, Treble
Effects	Spring Reverb, Chorus
Speaker	12"
Impedance	8 ohms
Weight	10kg
Dimensions	436*452.5*232.5mm(wxhxd)

Model	Kickstart 100
Technology	Solid State
Channels	2 (with overdrive switch)
Power	100 watts
Inputs	Guitar input, MP3 input
Outputs	Headphone
Controls	Gain, Volume, Mid Shift
EQ	Bass, Middle, Treble
Effects	Spring Reverb, Chorus
Speaker	12"
Impedance	8 ohms
Weight	14kg
Dimensions	446*460.5*257.5mm(wxhxd)





evolve your sound

EVO 15H / 30H / 60H HEADS

The EVO head range is further complimented with these compact heads. With up to 60 watts of power, clean and overdrive channels, solid state pre-amp with valve phase splitter and balanced power valve output, 3 band EQ and effect send/returns on all models. Paired up with the EVO112 or EVO212 cabinet and you have a great sounding, loud yet surprisingly compact package.



SPECIFICATIONS

Model	EVO 15H
Technology	Hybrid
Channels	2 (with overdrive switch)
Power	15 watts
Inputs	Guitar input
Outputs	4 Ohm, 8 Ohm, 16 Ohm
Controls	Gain, Volume
EQ	Bass, Middle, Treble
Effects	None
Speaker	None
Impedance	None
Weight	10.5kg
Dimensions	500*340*355mm (wxhxd)

Model	EVO 30H
Technology	Hybrid
Channels	2 (with overdrive switch)
Power	30 watts
Inputs	Guitar input
Outputs	4 Ohm, 8 Ohm, 16 Ohm
Controls	Gain, Volume
EQ	Bass, Middle, Treble
Effects	Spring reverb.
Speaker	None
Impedance	None
Weight	14kg
Dimensions	545*330*360mm (wxhxd)

Model	EVO 60H
Technology	Hybrid
Channels	2 (with overdrive switch)
Power	60 watts
Inputs	Guitar input
Outputs	4 Ohm, 8 Ohm, 16 Ohm
Controls	Gain, Volume
EQ	Bass, Middle, Treble
Effects	DSP effect.
Speaker	None
Impedance	None
Weight	17kg
Dimensions	545*345*365mm (wxhxd)

EVO 112 & 212 CABINETS

Perfectly matched to the EVO compact heads, loaded with 12" Celestion speakers, and have 30 or 60 watts of power. The EVO212 can be positioned either upright or on its side depending how much space you have on stage.



SPECIFICATIONS

Model	EVO 112
Power	30 watts
Speaker	1* 12"
Impedance	16 ohms
Weight	18kg
Dimensions	605x425x570mm (wxhxd)
Model	EVO 212
Power	60 watts
Speaker	2* 12"
Impedance	8 ohms
Weight	31kg
Dimensions	890x440x540mm (wxhxd)

EVO 50 DC HEAD

All-valve 50w Twin Channel Amp Head. This superior twin channel amp head has switchable channels & two master volumes which are footswitchable. The valve compliment of 4x 12AX7's and 2x EL34's gives you 50w of incredible power @ 8 or 16Ω's. The preamp has a host of feature benefits including, Hi and Low sensitivity Jack inputs, 3 band EQ using Silvered Mica Capacitors, 'Sleep Mode' automatic muting with no input present, Mains On/Off & Standby switches are standard and you have 115V/230V option operation. Jack Outputs are 2 @ 8Ω and 1 @ 16Ω allowing choice of cabinets. Tough ply construction, durable covering & metal corners essential for on the road use.



SPECIFICATIONS

Model	EVO 50DC
Technology	Valve
Channels	2
Power	50 watts
Inputs	Guitar input
Footswitch	2 sockets
Controls	Clean, Gain, Level
EQ	Bass, Middle, Treble
Effects	Spring reverb
Effects Loop	Yes
Valves	pre amp 3 x 12AX7 power amp 1 x 12AX7, 2 x EL34
Weight	20kg
Dimensions	870x395x355mm (wxhxd)

EVO 412 A & B CABINETS

The EVO 412 4x12" cabinets include 12" Powertone drivers based on the originals from the 70's. Not only do they give a super tone they also offer excellent durability and affordability.



SPECIFICATIONS

Model	EVO 412 A/B
Power	120 watts
Speaker	4 x 12" - 8 ohms
Weight	40kg
Dimensions	784x765x380mm (wxhxd)





evolve your sound

EVO 5

With a valve compliment of one 12AX7 and one 6V6 the baby of series the EVO5 offers 5w into 8 ohms of pure valve sound. This combo may be small in size but with user friendly Volume Level and Tone controls which are uncomplicated but effective, deliver a stunning sound. Low and High impedance jack input sockets are fitted and it's loaded with a custom 8" speaker which has been designed to maximize the power.



EVO 30

Looking for a 30w Twin Channel Combo with a pure clean sound that cuts ice when it's switched to overdrive and the gain boost applied? Look no further, the EVO30 inspired by original Carlsbro classic design has a valve compliment of 1x 12AX7 and 2x 6L6's giving you 30w of Carlsbro power. There are two Channels with 3 band EQ, with Channel One for that warm clean sound and Channel Two for Overdrive, which has Overdrive, Tone and Level controls plus Boost switch, both Channels are footswitchable. It's loaded with a custom 10" speaker which has been designed to maximize the power. To add external effects you have Send and Return facilities. Need more power, check out its big brother the EVO60.



EVO 60

EVO60 Combo is a modern version of the Carlsbro classic from the 70's designed and built to very high standards. This Twin Channel Combo with its switchable channels has a valve compliment of 1x 12AX7 and 2x 6L6's giving you 60w of Carlsbro awesome power. There are two Channels with 3 band EQ, with Channel One for that smooth clean sound and Channel Two for Overdrive, which has Overdrive, Tone and Level controls plus Boost switch, both Channels are footswitchable. It's loaded with a custom 12" speaker which has been designed to maximize the power. To add external effects you have Send and Return facilities.



SPECIFICATIONS

Model	EVO 5
Technology	Hybrid
Channels	1
Power	5 watts
Inputs	Guitar input
Outputs	None
Controls	Volume
EQ	Bass, Treble
Effects	None
Speaker	8"
Impedance	8 ohms
Weight	9kg
Dimensions	400*305*430mm (wxhxd)

Model	EVO 30
Technology	Hybrid
Channels	2 (with overdrive switch)
Power	30 watts
Inputs	Guitar input
Outputs	None
Controls	Gain, Volume
EQ	Bass, Middle, Treble
Effects	Spring reverb.
Speaker	10"
Impedance	8 ohms
Weight	21kg
Dimensions	560*365*545mm (wxhxd)

Model	EVO 60
Technology	Hybrid
Channels	2 (with overdrive switch)
Power	60 watts
Inputs	Guitar input
Outputs	None
Controls	Gain, Volume
EQ	Bass, Middle, Treble
Effects	DSP effect.
Speaker	12"
Impedance	8 ohms
Weight	26kg
Dimensions	595*390*605mm (wxhxd)



VAC

valve control

VAC 15

Output Power: 15W/4Ω
Valve Compliment: 3x12AX7 & 2xEL84
Spring reverb
Footswitch
Jack input mono/clean channel
Bright switch
3 band EQ
Effect send and return
Line output

VAC 30

Output Power: 30W/4Ω
Valve Compliment: 4x12AX7 & 4xEL84
Spring reverb
Footswitch, clean/lead switch
Jack input with clean & lead channels
Bright switch
3 band EQ
Effect send and return
Line output

VAC 60

Output Power: 60W/4Ω
Valve Compliment: 4x12AX7 & 2xEL34
Spring reverb
Footswitch, clean/lead switch
Jack input with clean & lead channels
Bright switch
3 band EQ
Effect send and return
Line output



SPECIFICATIONS

Model	VAC 15
Technology	Valve
Channels	1
Power	15 watts
Inputs	Guitar Hi/Low input, Footswitch
Outputs	Line out, 4 Ohm
Controls	Gain / Volume
EQ	Bass, Treble, Middle
Effects	Spring Reverb
Speaker	8"
Impedance	4 ohms
Weight	14kg
Dimensions	485*275*445 (wxhxd)

Model	VAC 30
Technology	Valve
Channels	2 (with overdrive switch)
Power	30 watts
Inputs	Guitar Hi/Low input, Footswitch
Outputs	Line out, 4 / 8 Ohm, effects loop
Controls	Gain / Volume
EQ	Bass, Treble, Middle
Effects	Spring Reverb, effects loop
Speaker	10"
Impedance	4 ohms
Weight	19kg
Dimensions	595*315*515 (wxhxd)

Model	VAC 60
Technology	Valve
Channels	2 (with overdrive switch)
Power	60 watts
Inputs	Guitar Hi/Low input, Footswitch
Outputs	Line out, 4 / 8 Ohm, effects loop
Controls	Gain / Volume
EQ	Bass, Treble, Middle
Effects	Spring Reverb, effects loop
Speaker	12"
Impedance	4 ohms
Weight	23kg
Dimensions	635*325*545 (wxhxd)



VAC

15 Classic Limited Edition

VAC 15 CLASSIC

The Limited Edition VAC15 Classic is a Class A, all valve driven 15 watt guitar combo. Classic tones are produced by a combination of a 12" Celestion Greenback speaker, 3 x 12AX7 preamp and 2 x EL84 power stage valves. Spring reverb, bright switch, 3 band EQ and effects loop complete this great package. The cosmetic look of the unit truly represents it's classic intentions, but with a modern spin.



SPECIFICATIONS

Model	VAC 15 CLASSIC
Technology	Valve
Channels	1
Power	15 watts
Inputs	Guitar Hi/Low input, Footswitch
Outputs	Line out, 8 Ohm
Controls	Gain, Volume
EQ	Bass, Treble, Middle
Effects	Spring Reverb
Speaker	12" Celestion G12M Greenback
Impedance	8 ohms
Weight	19kg
Dimensions	625*325*545 (wxhxd)





bass amplification

VIPER bass

VIPER 30

The VIPER 30 with its 30w power-stage will floor you with its hardhitting punch. No tone has been left unturned to give you a compact bass combo that is determined to give you the best results. Its pre-amp features 3 Band EQ. The decisive and specially voiced Carlsbro Powertone 10" bass speaker will deliver that low bassend with ease. Patch bay facilities include MP3/CD Player Input and Headphone output all useful feature benefits. Stylish kick-proof metal grille and tough corners give you all the protection you need.



SPECIFICATIONS

Model	VIPER 30
Technology	Solid State
Channels	1
Power	30 watts
Inputs	BASS input, MP3 input
Outputs	Headphone
Controls	Compression, Volume
EQ	Bass, Middle, Treble
Speaker	10"
Impedance	4 ohms
Weight	22kg
Dimensions	525*460*505mm (wxhxd)

VIPER 60

Perfect for those small gigs the VIPER 60 combo with a host of feature benefits to meet the needs of today's bass player. With an 60w power-stage that stands no nonsense, complimented with a specially voiced Carlsbro 12" Powertone bass speaker will floor you with its solid punch. Pre-amp features include, variable Compression (switchable), 3 Band EQ with Bass, Mid and Treble levels which gives you that extra control. Patch Bay including MP3/CD Player Input and Headphone outputs are all useful features. On the road extra protection with its stylish kick-proof metal grille and tough corners, are standard.



Model	VIPER 60
Technology	Solid State
Channels	1
Power	60 watts
Inputs	BASS input, MP3 input
Outputs	Headphone
Controls	Compression, Volume
EQ	Bass, Middle, Treble
Speaker	12"
Impedance	4 ohms
Weight	26kg
Dimensions	570*535*575mm (wxhxd)

VIPER 150

The VIPER 150 has the same modern styling as its smaller family members, yet packs an impressive 150w power, to give you a stunning projected sound. With a specially voiced 15" speaker, and Class-H built-in amplifier the low bass will be as powerful as you need. The pre-amp is comprehensive, with 3 band High, Middle and Low EQ and for extra tuning a very useful switchable 7 band graphic to achieve that perfect sound. Additional features include Bright and Boost facilities on the input, and master output level with compression. Patch bay connections include an Effects Loop, Line Level input/output, MP3/CD input and a Headphone output to make the unit truly flexible. Like all VIPER series, the tough corner protection and kick-proof metal grille will ensure a long life on the road.



Model	VIPER 150
Technology	Solid State
Channels	1
Power	150 watts
Inputs	BASS input, AUX in
Outputs	phone
Controls	Gain, Master,Active/Passive,Boost,Bright
EQ	Bass, Middle,Treble,7 band graphic
Speaker	15"
Impedance	4 ohms
Weight	36kg
Dimensions	675*560*685mm (wxhxd)



VIPER 350

Designed and built to perform the Viper Bass 350 Bass Head is a-head above the rest within this power level. Packing an impressive 350w punch it's just a knockout. Passive and active input interface is used for different bass circuit design and pre-amp features include a switchable 9 band graphic and 3 Band fixed EQ allowing you to colour your sound and tune for maximum performance. Patch Bay facilities include Effects Loop and a multi- output interface to meet different output requirements. The Clip Light feature gives you an indication of power amp clipping and the forced air-cooling keeps the amplifier...super-cool.



SPECIFICATIONS

Model	VIPER 350
Technology	Solid State
Channels	1
Power	350 watts
Inputs	Passive, Active
Outputs	Speaker Out, Line out
Controls	Gain, Master
EQ	Bass, Middle, Treble; 9 band graphic
Effects	Send ,Return
Speaker	No
Impedance	8 ohms
Weight	18.5 kg
Dimensions	560*445*230 mm (wxhxd)

VIPER 500/1000

If you want, class, hi-power and performance? Look no further, the Viper Bass Head 500 or 1000 is the answer. With massive power, it will out stage any competition. Interfacing passive and active inputs compliment different bass circuit designs and its incontestable 9 Band switchable Graphic with its 3 Band fixed EQ allows you to fine-tune for that jam-packed bass performance. Multi-output interface meets different output requirements and patch bay includes Effects Loop. Forced air-cooling keeps the 1000w of muscle cool with power- amp clipping indication by Clip Light on the front panel.



Model	VIPER 500
Technology	Solid State
Channels	1
Power	500 watts
Inputs	Passive, Active
Outputs	Speaker Out, Line out
Controls	Gain, Master
EQ	Bass, Middle, Treble; 9 band graphic
Effects	Send ,Return
Speaker	No
Impedance	8 ohms
Weight	19.5 kg
Dimensions	560*445*230 mm (wxhxd)

Model	VIPER 1000
Technology	Solid State
Channels	1
Power	1000 watts
Inputs	Passive, Active
Outputs	Speaker Out, Line out
Controls	Gain, Master
EQ	Bass, Middle, Treble; 9 band graphic
Effects	Send ,Return
Speaker	No
Impedance	4 ohms (stereo) , 8 ohms (Mono Bridge)
Weight	16 kg
Dimensions	620*480*260 mm (wxhxd)

VIPER 410

The Viper 410 cabinet rated at 400w into 8Ω is designed and voiced to give that tight focussed sound by using premium selected long throw 4 x 10" Carlsbro Powertone bass drivers and a high performance 1.5" treble driver. To allow you to extend your bass speaker system the rear connection panel is user friendly. Should you decide on 2 x Viper 410's the sound will be awesome. When you're on the road kick-proof metal grille and tough corners offer that extra protection and essential recessed bar handles are fitted.

SPECIFICATIONS

Model	VIPER 410
Technology	Solid State
Channels	2
Power	400 watts
Inputs	2*input
Speaker	4*10"
Impedance	8 ohms
Weight	25kg
Dimensions	745*505*755mm (wxhxd)

VIPER 115

With a frequency range coverage from 40Hz to 7kHz the Viper 115 is rated at 300w into 8Ω and is the perfect match for the bass player requiring a partner for the Viper Bass 350. Its premium selected Carlsbro Powertone 15" bass speaker and high performance 1.5" treble driver were specially selected and voiced to give you a rich and deep resounding bass end to a penetrating top-end.

SPECIFICATIONS

Model	VIPER 115
Technology	Solid State
Channels	2
Power	150 watts
Inputs	2*input
Speaker	15"
Impedance	8 ohms
Weight	22kg
Dimensions	745*505*755mm (wxhxd)

acoustic amplification



The original Sherwood Acoustic Guitar Combo was launched and one of the very first guitar amplifiers to enter the market and for over 30 years used throughout the world by the most highly respected acoustic guitar players. Today the 'Sherwood' once again leads the way with their warmth and clarity. When reinventing the Sherwood acoustic combo the Carlsbro R&D team, based in England listened to fans of the Sherwood from around the world and have now incorporated a tiltback cabinet design and using new technology have developed two new models in both mono and stereo for todays acoustic guitar player.

SHERWOOD 10

Output Power - 10W/8Ω
Acoustic Guitar Jack input
3 band EQ
headphone output
MP3 line input
6.5"full range speaker



SPECIFICATIONS

Model	SHERWOOD 10
Max. Rated Power Loudspeaker	10 Watts RMS @ 8 Ohms load/ 6.5" Speaker
Total Harmonic Distortion	0.2%
Signal to Noise Ratio	- 68 dB @ max Rated Power
Input Impedance	180k Ohms
Power Consumption	20 Watts max
Maximum Input Level	30 mV (RMS)
Maximum Gain	48 dB (@ 1kHz)
Weight	5.8kg
Dimensions	360*255*340 (wxhxd)

SHERWOOD 20R

Output Power - 20W/4Ω
Acoustic Guitar Jack input, Microphone XLR input
3 band EQ
headphone output
mp3 line input
6.5"full range speaker



SHERWOOD 30R

Output Power - 30W/4Ω
Acoustic Guitar Jack input, Microphone XLR input
3 band EQ
Compression circuit
2 band EQ on MIC channel
Footswitch, headphone output
(AUX/CD) RCA input;
DI output, TUNER output
2x6.5"bass speaker, tweeter



SHERWOOD 60R

Output Power - 2x30W/4Ω
Acoustic Guitar Jack input, Microphone XLR input
3 band EQ, Gain switch
Compression circuit
Brilliance control and NOTCH filter
3 band EQ on MIC channel
16 DSP effect
Footswitch, headphone output
(AUX/CD) RCA input
DI output, TUNER output
2x8"bass speaker, tweeter



SPECIFICATIONS

Model	SHERWOOD 20R
Technology	Solid State
Channels	2
Power	20 watts
Inputs	Guitar input, mic input
Outputs	Phones out
Controls	Volume
EQ	Bass, Treble,Middle,MID SWEEP
Effects	Reverb
Speaker	6.5"
Impedance	4 ohms
Weight	10kg
Dimensions	334*297*368 (wxhxd)

Model	SHERWOOD 30R
Technology	Solid State
Channels	2
Power	2x15 watts
Inputs	Guitar input, MP3 input
Outputs	Line out
Controls	Gain, Volume
EQ	Bass, Treble,Middle,MID SWEEP
Effects	Reverb,CHORS
Speaker	2x6.5"
Impedance	4 ohms
Weight	15kg
Dimensions	450*400*565 (wxhxd)

Model	SHERWOOD 60R
Technology	Solid State
Channels	2
Power	2x30 watts
Inputs	Guitar input, Mic input
Outputs	Line out
Controls	Gain, Volume
EQ	Bass, Treble,Middle,MID SWEEP,Brilliance,Notch Freq
Effects	DSP Reverb(16 Program)
Speaker	2x8"
Impedance	8 ohms
Weight	23kg
Dimensions	500*415*590 (wxhxd)



COLT

KEYBOARD AMPLIFICATION

The Colt Series of keyboard combos consisting of three power levels are designed to handle the broad range of frequencies by any keyboard. Used extensively by keyboard players who need close monitoring with high quality complete frequency coverage. Accordion players worldwide also choose the Colt to produce extremely complicated harmonics, with ease.

Colt are a high quality range of combos with a much-improved performance that can deliver sound output to professional quality levels backed by a sharp new cosmetic style to reflect the high-tech image today's modern keyboard player. When you are road solid metal grill and strong corners give you that rugged road-proof protection.

COLT JOURNEYMAN 30

This multi-purpose compact 30w combo has been designed with group playing and education requirements in mind and has become one of our biggest selling Carlsbro products.

With a master 2 Band EQ and 3 independent channels each having a variable level control, this amplifier allows all types of instruments to be connected and amplified. Patch Bay facilities include Headphone and Line Output sockets. The specially selected 8" driver will handle those diverse frequencies.

Solid metal grille and strong corners are standard giving you that rugged road-proof protection. We have not come across an instrument yet that's tone in not perfectly matched by the famous Carlsbro Colt Journeyman.

COLT 60

The Colt 60 a two-channel keyboard combo delivers 60w of pure keyboard power. Its purpose built 1 x 10" speaker was specially selected to deliver high quality frequency coverage.

Each channel has 2 inputs with 2 Band EQ and selection of the natural sounding Spring Reverb is simple; activate the switch and you route to each channel independently, overall control by the Master Reverb Volume (Footswitchable). Patch Bay facilities include Effects Loop, Headphone and Line Output sockets.

Widely used for monitor purposes this combo is a winner, for that rugged road-proof protection kick-proof metal grille and strong corners are standard.

COLT 120

The Colt 120 Keyboard Combo with its 3 independent channels is highly favoured and respected 'work-horse' by so many keyboard players all around the world.

Its forceful 120w power-stage, 2 Band EQ and 2 inputs per channel is a force to be reckoned with. Channel 1 features XLR input for a microphone and all channels have independent Gain, Reverb and Effects level controls.

Its natural Spring Reverb (Footswitchable) gives you that added sparkle.

Patch Bay includes DI output, Effects Loop, Line Output and Headphone sockets. With Limiter control switch, the Carlsbro Powertone 1 x 12" speaker and HF Tweeter produce breath-taking sounds.



SPECIFICATIONS

Model	COLT JOURNEYMAN 30
Technology	Solid State
Channels	3
Power	30 watts
Inputs	Guitar input, Mic input, keyboard input
Outputs	Headphone, Line out
Controls	Volume
EQ	Bass, Treble
Effects	n/a
Speaker	8"
Impedance	8 ohms
Weight	17.5kg
Dimensions	540x500x385mm (wxhxd)

Model	COLT 60
Technology	Solid State
Channels	2
Power	60 watts
Inputs	Hi Z inputs
Outputs	Headphone
Controls	Level, Master Volume
EQ	Bass, Treble
Effects	Spring Reverb
Speaker	10"
Impedance	8 ohms
Weight	24kg
Dimensions	585x585x380mm (wxhxd)

Model	COLT 120
Technology	Solid State
Channels	3
Power	120 watts
Inputs	Hi and Lo Z inputs
Outputs	Headphone, DI
Controls	Level, Master Volume
EQ	Bass, Treble
Effects	Effect send/return, Spring Reverb
Speaker	12"
Impedance	8 ohms
Weight	34kg
Dimensions	655x660x470mm (wxhxd)







electronic drums



CARLSBRO DRUMS



With the renowned  quality and durability, a new era of electronic percussion has been born. Setting new standards are the new  Digital Drums which look great and sound superb.

Stylish and innovative is an understatement...  engineers listened to drummers all around the world and combining innovative technology have created astounding electronic kits that deliver what today's drummers expect, enabling you to experience that acoustic drum feel. Check out the EDA Drum amplification, stunning performers that are perfect partners for the new  electronic percussion experience.

CS D100

5 drum 3 cymbal



COMMANDER 100 SOUND MODULE

Digitron display
 250 high quality percussion voices
 20 preset drum kits
 10 user defined drums kits
 20 demo songs
 Aux in jack, Line output, Headphone output
 USB interface (USB to device), MIDI IN/OUT
 Recording and playback facility
 Adjustable sensitivity
 Adjustable crosstalk
 Trigger curve settings, Metronome, reverb

KIT COMPONENTS

1 x Commander 100 Sound Module
 1 x Bass kick pedal
 1 x 8" Dual-zone Snare pad
 3 x 8" Single-zone Tom pads
 1 x 10" Single-zone Hi-hat cymbal pad
 1 x 10" Single-zone crash cymbal pad with choke
 1 x 10" Single-zone ride cymbal pad with choke
 1 x Hi-hat controller pedal
 1 x Sturdy 4-legged drum rack with all mounting hardware and invisible cabling

CS D110

5 drum 3 cymbal



COMMANDER 110 SOUND MODULE

Digitron display
 250 high quality percussion voices
 20 preset drum kits
 10 user defined drums kits
 20 demo songs
 Aux in jack, Line output, Headphone output
 USB interface (USB to device), MIDI IN/OUT
 Recording and playback facility
 Adjustable sensitivity
 Adjustable crosstalk
 Trigger curve settings, Metronome, reverb

KIT COMPONENTS

1 x Commander 110 Sound Module
 1 x 8" Floor tom pad with bass kick pedal
 1 x 8" Dual-zone Snare pad
 3 x 8" Single-zone Tom pads
 1 x 10" Single-zone Hi-hat cymbal pad
 1 x 10" Single-zone crash cymbal pad with choke
 1 x 10" Single-zone ride cymbal pad with choke
 1 x Hi-hat controller pedal
 1 x Sturdy 4-legged drum rack with all mounting hardware and invisible cabling

CS D120/121

5 drum 3 cymbal



COMMANDER 120/120W SOUND MODULE

Digitron display
250 high quality percussion voices
20 preset drum kits
10 user defined drums kits
20 demo songs
Aux in jack, Line output, Headphone output
USB interface (USB to device), MIDI IN/OUT
Recording and playback facility
Adjustable sensitivity
Adjustable crosstalk
Trigger curve settings, Metronome, reverb

KIT COMPONENTS

1 × Commander 120/120W Sound Module
(CSD120 with 120;CSD121 with 120W)
1 × Bass kick pedal
1 × 7.5" Dual-zone Snare pad
3 × 7.5" Single-zone Tom pads
1 × 10" Single-zone Hi-hat cymbal pad
1 × 10" Single-zone crash cymbal pad with choke
1 × 10" Single-zone ride cymbal pad with choke
1 × Hi-hat controller pedal
1 × Ultra compact, portable 3-legged drum rack with all mounting hardware and invisible cabling

CS D130/131

5 drum 3 cymbal



COMMANDER 130/130W SOUND MODULE

Digitron display
250 high quality percussion voices
20 preset drum kits
10 user defined drums kits
20 demo songs
Aux in jack, Line output, Headphone output
USB interface (USB to device), MIDI IN/OUT
Recording and playback facility
Adjustable sensitivity
Adjustable crosstalk
Trigger curve settings, Metronome, reverb

KIT COMPONENTS

1 × Commander 130/130W Sound Module
(CSD130 with 130;CSD131 with 130W)
1 × 2" bass pad with bass kick pedal
1 × 7.5" Dual-zone Snare pad
3 × 7.5" Single-zone Tom pads
1 × 10" Single-zone Hi-hat cymbal pad
1 × 10" Single-zone crash cymbal pad with choke
1 × 10" Single-zone ride cymbal pad with choke
1 × Hi-hat controller pedal
1 × Ultra compact, portable 3-legged drum rack with all mounting hardware and invisible cabling

CS D130-A/131-A



CS D200/201

5 drum 3 cymbal



COMMANDER 200/200W SOUND MODULE

128 x 64 character LCD display
458 high quality percussion voices
26 preset drum kits
15 user defined drums kits,
20 demo songs
Aux in jack, Line output, Headphone output
USB interface (USB to device), MIDI IN/OUT
Recording and playback facility
adjustable sensitivity and crosstalk
Metronome
3 band EQ, 3 ambience and 2 reverb settings

KIT COMPONENTS

1 x Commander 200/200W Sound Module
(CSD200 with 200;CSD201 with 200W)
1 x 8" Floor tom pad with bass kick pedal
1 x 8" Dual-zone Snare pad
3 x 8" Dual-zone Tom pads
1 x 10" Single-zone Hi-hat cymbal pad
1 x 12" Dual-zone crash cymbal pad with choke
1 x 12" Dual-zone ride cymbal pad with choke
1 x Hi-hat controller pedal
1 x Sturdy 4-legged drum rack with all mounting
hardware and invisible cabling

CS D210/211

5 drum 3 cymbal



COMMANDER 200/200W SOUND MODULE

128 x 64 character LCD display
458 high quality percussion voices
26 preset drum kits
15 user defined drums kits,
20 demo songs
Aux in jack, Line output, Headphone output
USB interface (USB to device), MIDI IN/OUT
Recording and playback facility
adjustable sensitivity and crosstalk
Metronome
3 band EQ, 3 ambience and 2 reverb settings

KIT COMPONENTS

1 x Commander 200/200W Sound Module
(CSD210 with 200;CSD211 with 200W)
1 x 10" snare (dual zone, bow & rim shot)
3 x 8" Tom (dual zone)
1 x 12" Ride (dual zone + choke)
1 x 12" Crash (dual zone + choke)
1 x 10" hi-hat cymbal (mono)
1 x 8" Bass drum hi-hat (mono, supports dual
hammer)

CS D220/221

6 drum 4 cymbal



COMMANDER 200/200W SOUND MODULE

128 x 64 character LCD display
 458 high quality percussion voices
 26 preset drum kits
 15 user defined drums kits,
 20 demo songs
 Aux in jack, Line output, Headphone output
 USB interface (USB to device), MIDI IN/OUT
 Recording and playback facility
 adjustable sensitivity and crosstalk
 Metronome
 3 band EQ, 3 ambience and 2 reverb settings

KIT COMPONENTS

1 x Commander 200/200W Sound Module
 (CSD220 with 200; CSD221 with 200W)
 1 x 8" snare (dual zone, bow & rim shot)
 4 x 8" Tom (dual zone)
 2 x 12" Crash (dual zone + choke)
 1 x 12" Ride (dual zone + choke)
 1 x 10" hi-hat (mono)
 1 x 8" Bass drum hi-hat (mono, supports
 dual hammer)

CS D230/231

6 drum 4 cymbal



COMMANDER 200/200W SOUND MODULE

128 x 64 character LCD display
 458 high quality percussion voices
 26 preset drum kits
 15 user defined drums kits,
 20 demo songs
 Aux in jack, Line output, Headphone output
 USB interface (USB to device), MIDI IN/OUT
 Recording and playback facility
 adjustable sensitivity and crosstalk
 Metronome
 3 band EQ, 3 ambience and 2 reverb settings

KIT COMPONENTS

1 x Commander 200/200W Sound Module
 (CSD230 with 200; CSD231 with 200W)
 1 x 10" snare (dual zone, bow & rim shot)
 4 x 8" Tom (dual zone)
 2 x 12" Crash (dual zone + choke)
 1 x 12" Ride (dual zone + choke)
 1 x 10" hi-hat (mono)
 1 x 8" Bass drum hi-hat (mono, supports
 dual hammer)

CS D300

5 drum 3 cymbal



COMMANDER 300 SOUND MODULE

2.8" TFT LCD + 3*8 segment LED
 500 high quality percussion voices + 128 GM instruments
 36 preset drum kits + 36 user defined drum kits
 20 demo songs
 Coach (tutorial) function :
 - Rhythm 10 exercises with different levels
 - Beat 10 exercises with different levels
 - Pattern 10 exercises with different levels
 Data transmit: Drum settings & recording data can be transmitted to/from memory stick via USB
 Effects :
 - Reverb: 8 types
 - Chorus: 3 types
 Connections: midi in/out, USB midi, Aux in, Line Output / phones, USB computer
 Mains powered external power supply

KIT COMPONENTS

1 x commander 300 sound module
 1 x 10" snare (dual zone, head & rim shot)
 3 x 8" Tom (dual zone)
 1 x 12" Crash (dual zone + choke)
 1 x 14" Ride (three-zone + choke)
 1 x 10" hi-hat (mono)
 1 x 8" Bass drum hi-hat (mono, supports dual hammer)
 1 x hi-hat pedal control

CS D310

5 drum 4 cymbal



COMMANDER 300 SOUND MODULE

2.8" TFT LCD + 3*8 segment LED
 500 high quality percussion voices + 128 GM instruments
 36 preset drum kits + 36 user defined drum kits
 20 demo songs
 Coach (tutorial) function :
 - Rhythm 10 exercises with different levels
 - Beat 10 exercises with different levels
 - Pattern 10 exercises with different levels
 Data transmit: Drum settings & recording data can be transmitted to/from memory stick via USB
 Effects :
 - Reverb: 8 types
 - Chorus: 3 types
 Connections: midi in/out, USB midi, Aux in, Line Output / phones, USB computer
 Mains powered external power supply

KIT COMPONENTS

1 x commander 300 sound module
 1 x 10" snare (dual zone, head & rim shot)
 3 x 8" Tom (dual zone)
 2 x 12" Crash (dual zone, rim shot)
 1 x 14" Ride (three-zone, rim shot)
 1 x 12" hi-hat (with stand alone frame & pedal)
 1 x 8" Bass drum hi-hat (mono, supports dual hammer)

CS D500

Patent No: 201620925034.6

5 drum 3 cymbal mesh head kit

Experience the enhancements in feel and the reductions in noise. The all new CSD500 becomes a 'natural' choice for live performance, late night practice and studio recording sessions.



COMMANDER 500 SOUND MODULE

- 128 x 64 character LCD display
- 458 high quality percussion voices
- 29 preset drum kits
- 12 user defined drums kits,
- 20 demo songs
- Aux in jack, Line output, Headphone output
- USB interface (USB to device), MIDI IN/OUT
- Recording and playback facility
- adjustable sensitivity and crosstalk
- Metronome
- 3 band EQ, 3 ambience and 2 reverb settings

KIT COMPONENTS

- 1 x Commander 500 Sound Module
- 1 x 8" MESH Floor tom pad with bass kick pedal
- 1 x 10" MESH Dual-zone Snare pad
- 3 x 8" MESH Dual-zone Tom pads
- 1 x 10" Single-zone Hi-hat cymbal pad
- 1 x 12" Dual-zone crash cymbal pad with choke
- 1 x 12" Dual-zone ride cymbal pad with choke
- 1 x Hi-hat controller pedal
- 1 x Sturdy 4-legged drum rack with all mounting hardware and invisible cabling

The new Carlsbro **CSD500 Mesh electronic drum kit** featuring our new 4 layer mesh heads to give you an ultra quiet experience with a more realistic and natural drum feel and reduced acoustic noise with the 5 mesh head drum pads.

Our CSD range of electronic drum kits have become well established with the popular models like the CSD200, so now adding the CSD500 to get you even nearer the acoustic drum sound and feel, is a perfect addition to the range.

The CSD500 kit comprises, the new Commander 500 sound module, **five mesh drum pads** (1 x 8" floor tom with kick pedal, 1 x 10" dual zone snare and 3 x 8" dual zone toms), three cymbals (1 x 10" single zone hi-hat with controller pedal, 1 x 12" dual zone crash with choke and 1 x 12" ride with choke). The kit is complimented with a solid and durable 4 leg drum rack, featuring 'invisible cabling' and all hardware included.



commander sound modules



COMMANDER 500 SOUND MODULE

- 128 x 64 character LCD display
- 458 high quality percussion voices
- 29 preset drum kits
- 12 user defined drums kits
- 20 demo songs
- Aux in jack, Line output, Headphone output
- USB interface (USB to device), MIDI IN/OUT
- Recording and playback facility
- adjustable sensitivity and crosstalk
- Metronome: 3 band EQ, 3 ambience and 2 reverb settings

commander sound modules

COMMANDER 100/110 SOUND MODULE



- Digitron display
- 250 high quality percussion voices
- 20 preset drum kits
- 10 user defined drums kits
- 20 demo songs
- Aux in jack, Line output, Headphone output
- USB interface (USB to device), MIDI IN/OUT
- Recording and playback facility
- Adjustable sensitivity
- Adjustable crosstalk
- Trigger curve settings, Metronome, reverb

COMMANDER 120/130 SOUND MODULE



- Digitron display
- 250 high quality percussion voices
- 20 preset drum kits
- 10 user defined drums kits
- 20 demo songs
- Aux in jack, Line output, Headphone output
- USB interface (USB to device), MIDI IN/OUT
- Recording and playback facility
- Adjustable sensitivity
- Adjustable crosstalk
- Trigger curve settings, Metronome, reverb

COMMANDER 200 SOUND MODULE



- 128 x 64 character LCD display
- 458 high quality percussion voices
- 26 preset drum kits
- 15 user defined drums kits
- 20 demo songs
- Aux in jack, Line output, Headphone output
- USB interface (USB to device), MIDI IN/OUT
- Recording and playback facility
- adjustable sensitivity and crosstalk
- Metronome: 3 band EQ, 3 ambience and 2 reverb settings



COMMANDER 120W/130W RECHARGABLE LITHIUM BATTERY POWERED MODULE

- Digitron display
- 250 high quality percussion voices
- 20 preset drum kits
- 10 user defined drums kits
- 20 demo songs
- Aux in jack, Line output, Headphone output
- USB interface (USB to device), MIDI IN/OUT
- Recording and playback facility
- Adjustable sensitivity
- Adjustable crosstalk

- Trigger curve settings, Metronome, reverb
- External power supply for mains use or recharging internal power supply
- Internal rechargeable lithium battery power supply: 4400mAh, working 8 hours continuously without external power supply
- USB charging port: 5V to charge module directly; Battery can be connected for charging via USB
- Perfect for outdoor, or limited mains availability applications



COMMANDER 200W RECHARGABLE LITHIUM BATTERY POWERED MODULE

- 128 x 64 character LCD display
- 458 high quality percussion voices
- 26 preset drum kits
- 15 user defined drums kits
- Adjustable Drum kit parameters, including: voice, volume, pan, MIDI output, and trigger sensitivity which can be saved in the user drum kits
- Effects including : 3 band EQ and 2 reverbs
- 20 demo songs
- Metronome: 9 beats, 3 beat voices, adjustable beat volume and tempo, tempo range: 30~300
- Recording facility to USB

- Ports : standard 5 pin MIDI port, USB MIDI port, AUX port to connect with external audio source, L/R channel independent out port
- External power supply for mains use or recharging internal power supply
- Internal rechargeable lithium battery power supply: 4400mAh, working 8 hours continuously without external power supply
- USB charging port: 5V to charge module directly; Battery can be connected for charging via USB
- Perfect for outdoor, or limited mains availability applications



COMMANDER 300 SOUND MODULE

- 2.8" TFT LCD + 3*8 segment LED
- 500 high quality percussion voices + 128 GM instruments
- 36 preset drum kits + 36 user defined drum kits
- 20 demo songs
- Coach (tutorial) function :
 - Rhythm 10 exercises with different levels
 - Beat 10 exercises with different levels
 - Pattern 10 exercises with different levels

- Data transmit: Drum settings & recording data can be transmitted to/from memory stick via USB
- Effects :
 - Reverb: 8 types
 - Chorus: 3 types
- Connections: midi in/out, USB midi, Aux in, Line Output / phones, USB computer
- Mains powered external power supply



drum amplification

EDA series

Today's digital drum technology creates multiple tones at a very broad range of frequencies that all have to be heard simultaneously. Those distinctive sounds generated from the snare drum, tom-toms, bass drum and cymbals are all heard in the same way as the acoustic kit.

We are proud of the EDA Series as they perform like a true drum amplifier should, delivering those rich, broad tones that inspire you to play more.

We strongly recommend the EDA200S for that powerful sound projection, but if you are on a budget or space is tight go for the EDA50.

EDA 50



EDA 50

- 2 Channel Inputs
- Built-in 50 watt power amplifier
- 3 Band EQ
- Aux Input
- 10" bass driver plus tweeter
- Full metal grille for speaker protection

EDA 200S



EDA 200S

- 2 Channel Inputs
- Built-in 200 watt power amplifier
- Aux Volume, Sub Volume and Master Volume controls
- Aux Input
- 12" bass driver, 2 x 6.5" Mid range drivers plus tweeters
- Full metal grille for speaker protection



CS S1

- Diameter 300mm
- Min height adjustment 490mm
- Max height adjustment 590mm



CS S2

- saddle contour
- Min height adjustment 480mm
- Max height adjustment 570mm



footswitches TANK / TANK 201

The Tank (self powered) / Tank201 (non powered) are single way latching footswitches, with a rugged steel casing. They work on a wide range of Carlsbro and non Carlsbro products. Tank models come complete with a 1/4 inch Jack lead, LED status indicator and polarity switch.



footswitches TANK2 / TANK 202

The Tank2 (powered) / Tank202 (non powered) are two way latching footswitches, with LEDs, with a rugged steel casing. They work on a wide range of Carlsbro and non Carlsbro products. Tank models come complete with a 1/4 inch Jack lead, LED status indicator and polarity switch.



wah wah pedals WAH01 WAH02

Powered by Carlsbro wah pedals feature the classic 60's sound for your guitar. They feature heavy duty die cast construction and the 100k precision control gives smooth, reliable operation for years of life on the road. Power is supplied by a standard 9V battery (not supplied) or an external power block can be used via the rear D.C. socket. Two models are available, the WAH01 in silver and the WAH02 in black.



acoustic guitar pickup DB4015



guitar footstools AC1229

A range of rugged, compact easy to fold/assemble guitar footstools in a range of colours to suit your taste.



DRUM MICROPHONES

DM7

- BM1 bass drum mic - 1pcs
- TM1 tabour mic - 4pcs
- Condenser mic - 2pcs
- Drum clamp - 4pcs
- condenser mic foam windscreen - 2pcs
- Condenser mic clamp - 2pcs
- Complete with high quality, durable, aluminium carry case



BM1



TM1



Condenser Mic

SPECIFICATION

BM1

Element: Dynamic
Polar Pattern: Uni-directional
Frequency Response: 50Hz-15kHz
Sensitivity: -55dB±3dB (0dB=1V/Pa at 1kHz)
Output Impedance: 400Ω±30% (at 1kHz)

TM1

Element: Dynamic
Polar Pattern: Uni-directional
Frequency Response: 50Hz-14kHz
Sensitivity: -56dB±3dB (0dB=1V/Pa at 1kHz)
Output Impedance: 350Ω±30% (at 1kHz)

CONDENSER MIC

Element: Ø16 condenser headgrille
Polar Pattern: Uni-directional
Frequency Response: 30Hz-18kHz
Sensitivity: -38dB±3dB (0dB=1V/Pa at 1kHz)
Output impedance: 100Ω±30%(at 1kHz)
Self Noise: 20dB A
Max. Input SPL: 135dB(at 1kHz ≤1% T.H.D)
S/N Ratio: 74dB
Power Requirement: 9V-52V Phantom Power

DM7P

- BM3 bass drum mic - 1pcs
- TM3 tabour mic - 4pcs
- Condenser mic - 2pcs
- Drum clamp - 4pcs
- Condenser mic foam windscreen - 2pcs
- Condenser mic clamp - 2pcs
- Complete with high quality, durable, aluminium carry case



BM3



TM3



Condenser Mic

SPECIFICATION

BM3

Element: Dynamic
Polar Pattern: Uni-directional
Frequency Response: 50Hz-14kHz
Sensitivity: -58dB±3dB(0dB=1V/Pa at 1kHz)
Output Impedance: 250Ω±30%(at 1kHz)

TM3

Element: Dynamic
Polar Pattern: Uni-directional
Frequency Response: 50Hz-14kHz
Sensitivity: -58dB±3dB(0dB=1V/Pa at 1kHz)
Output Impedance: 250Ω±30%(at 1kHz)

CONDENSER MIC

Element: Back Electret Condenser
Polar Pattern: Uni-directional
Frequency Response: 50Hz-18 kHz
Sensitivity: -45dB±3dB (0dB=1V/Pa at 1kHz)
Output impedance: 200Ω±30% (at 1 kHz)
Max. Input SPL: 136dB (at 1kHz ≤1% T.H.D)
S/N Ratio: 60dB
Power Requirement: 9V-52V Phantom Power

HEADPHONES

DCN2



- Precise closed ear structure, for accurate and pure sound
- Compact size with ultimate comfort
- High quality headband and soft leatherette earpads
- 40mm premium quality transducers
- High quality single side mounted cord

SPECIFICATION DCN2

Loudhailer Diameter: 40mm
Impedance: 32Ω
Sensitivity: 98dB±3dB
Frequency Response: 15Hz-22kHz
Max.Power: 400mW
Cable Length: about 2.5M
Plug: 6.35mm + 3.5mm

DCN8



- Precise closed ear structure, for accurate and pure sound
- High quality headband and soft leatherette earpads
- Large 50mm Neodymium magnet components
- Perfect for many personal and monitoring applications
- Secure screw fixed cable for ease of service

SPECIFICATION DCN8

Loudhailer Diameter: 40mm
Frequency Response: 20Hz-18kHz
Sensitivity: 90±3dB
Impedance: 32Ω
Power Handling: 200mW



live sound solutions



www.carlsbro.com



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