

GUITAR				GUITAR		
IMPERIVM				DRAGON		
Model	H 150	H 50	C 50	6V6 AMP JAZZ & Blues	DRAGON CLUB	DRAGON STUDIO
Type	Head	Head	Combo	Combo	Combo	Combo
Output power	11/50/150	50	50	20W@40hm with 6V6 tubes 30W@40hm with 5881/6L6GC tubes	40W RMS with 5881 tubes	5W RMS with 5881 tubes
Class	AB1	A	A	A	A	A
Signal to noise ratio	< 78	< 78	< 78	< 80	< 83	< 85
Pre input	< 1M	< 1M	< 1M	Impedance < 1M Input sensitivity < 100m	Impedance < 1M Input sensitivity < 100m	Impedance < 1M Input sensitivity < 100m
Tubes	5 x 12AX7EH 4 x 5881 WGC	4 x 12AX7WC	4 x 12AX7WC	3 x 12AX7WA + 2 6V6EH o 2 x 5881	3 x 12AX7WA + 2 x 5881/6L6GC	1 x 12AX7WC / 1 x EL84
Tone controls	Low ± 10dB 120Hz Mid ± 8dB 460Hz High ± 12dB 2400Hz	Low ± 10dB 120Hz Mid ± 8dB 460Hz High ± 12dB 2400Hz	Low ± 10dB 120Hz Mid ± 8dB 460Hz High ± 12dB 2400Hz	Low 180Hz Mid 620Hz High 3000Hz	Low 180Hz Mid 620Hz High 2800Hz	Low 180Hz Mid 620Hz High 2800Hz - Bright 5000Hz
FX Post Preamp	Series/Parallel with potentiometer Send lev. max. 1.5pp Z<100kohm Return lev. max. 1.8Vpp Z<100kohm	Series/Parallel with selector Send lev. max. 1.5pp Z<100kohm Return lev. max. 1.8Vpp Z<100kohm	Series/Parallel with selector Send lev. max. 1.5pp Z<100kohm Return lev. max. 1.8Vpp Z<100kohm	Send level 1Vpp/imp. 1Mohm Return level max 1.5Vpp	Send level 1Vpp/imp. 1Mohm Return level max 1.5Vpp	Send level 1Vpp/imp. 1Mohm Return level max 1.5Vpp
FX Pre Preamp	Consecutive serial FX1 to FX4 THRU By pass Relays	Consecutive serial FX1 to FX2 THRU By pass Relays	Consecutive serial FX1 to FX2 THRU By pass Relays	-	-	-
MIDI	Standard omnimode 1-16 CH	Standard omnimode 1-16 CH	Standard omnimode 1-16 CH	-	-	-
MIDI Phantom power	External power supply unit (not included)	External power supply unit (not included)	External power supply unit (not included)	-	-	-
Classic	Presence +1dB a 4500Hz Sub pass +1dB a 100Hz	-	-	-	-	-
Modern	Presence +4dB a 5800Hz Sub pass +4dB a 100Hz	-	-	-	-	-
Loudspeakers	-	-	1x12" JENSEN	2x10" JENSEN	1x12" JENSEN	1x12" JENSEN
Frequency response	-	-	-3dB 90Hz - 5.5kHz	-3dB 150Hz a 68kHz @ 20W/8ohm	-3dB 150Hz a 65kHz @ 40W/16ohm	-3dB 150Hz a 65kHz @ 40W/8ohm
Power supply	110 /230Vac 50-60Hz	110 /230Vac 50-60Hz	110 /230Vac 50-60Hz	110 /230Vac 50-60Hz	110 /230Vac 50-60Hz	110 /230Vac 50-60Hz
Power consumption	220	100	100	100	110	60
Weight	17.5 / 38.6	10.5 / 23.14	18 / 39.68	16 / 35.27	16 / 35.27	12.5 / 27.55
Dimensions (WxHxD)	mm inch 685x240x280 27x9.45x11	560x200x260 22x7.9x10.23	560x485x309 22x19x12	600x480x300 23.62x18.9x11.82	544x470x270 21.41x18.5x10.62	444x424x240 17.5x16.7x9.5
Transport weight	20 / 44	13 / 28.66	20.5 / 45.19	18 / 39.68	19 / 41.88	14 / 30.86
Transport dimensions (WxHxD)	mm inch 815x345x400 32x13.58x15.75	670x320x370 26.37x12.6x14.56	600x560x360 23.62x22x14.17	630x550x345 24.80x21.65x13.6	579x485x305 22.8x19x12	498x483x298 19.6x19x11.73
Model	412	212				
Type	Cabinet	Cabinet				
Configuration	stereo/mono	stereo/mono				
Loudspeakers	4x12" JENSEN	2x12" JENSEN				
Mono power	400W @ 16ohm	200W @ 8ohm				
Stereo power	200+200W @ 8ohm	100+100W @ 16ohm				
Frequency response	-3dB 80Hz - 5kHz	-3dB 80Hz - 5kHz				
Recommended amplifier	50/200W RMS	25/100W RMS				
Input connectors	2xJack ø 6.5mm	2xJack ø 6.5mm				
Weight	25 / 55	18 / 39.68				
Dimensions (WxHxD)	mm/inch 773x789x362 31.88x33.46x15.75	773x522.5x362 30.43x20.55x14.25				
Transport weight	27.5 / 60.62	20.5 / 45.19				
Transport dimensions (WxHxD)	mm inch 810x850x400 31.88x33.46x15.75	815x590x410 32x23.22x16.14				

EFFECTS		
DRAGON		
Model	DISTORTION	OVERDRIVE
Input level	-18/22dBm	-18/22dBm
Input impedance	1Mohm	1Mohm
Output impedance	Max 100kohm	Max 100kohm
Power supply	12Vdc 350mA	12Vdc 350mA
Signal connectors	Jack ø 6.5mm	Jack ø 6.5mm
Enable relays	THRU by pass	THRU by pass
Weight	1 / 2.20	1 / 2.20
Dimensions (WxHxD)	150x40x190 / 6x1.57x7.5	150x40x190 / 6x1.57x7.5
Transport weight	1.8 / 4	1.8 / 4
Transport dimensions (WxHxD)	330x140x200 / 13x5.50x7.87	330x140x200 / 13x5.50x7.87

GUITAR			BASS					
	BRUTUS		Indy					
Model	BRUTUS LIVE	BRUTUS	BASS AMP 800H	BASS AMP PREAMP	BASS AMP 400H	BASS AMP 420C	BASS AMP 415C	STUDIO
Type	Head	Head	Head	Bass Preamp	Head	Combo	Combo	Combo
Output power	W 27W rms @ 4/8/12ohm	11W rms @ 4/8/12ohm	800W rms @ 4ohm	Max 2Vpp	400W PWM	400W PWM	400W PWM	150W RMS
Class	A	A	D	A	D	D	D	G
Signal to noise ratio	dB 80	80	75	85	80	80	80	85
Pre input	ohm < 1M	< 1M	< 1M pick-up active/passive	< 1M pick-up active/passive	< 1M pick-up active/passive	< 1M pick-up active/passive	< 1M pick-up active/passive	< 1M pick-up active/passive
Tubes	4 x 12AX7A / 2 x 5881	4 x 12AX7A / 1 x 5881	3 x 12AX7WC	3 x 12AX7WC	2 x 12AX7WC	2 x 12AX7WC	2 x 12AX7WC	1 x 12AX7WC
Tone controls	Low ± 10dB 120Hz Mid ± 8dB 460Hz High ± 12dB 2400Hz	Low ± 10dB 120Hz Mid ± 8dB 460Hz High ± 12dB 2400Hz	Low ± 10dB 100Hz Mid ± 8dB 450Hz High ± 10dB 5kHz	Low ± 10dB 100Hz Mid ± 8dB 450Hz High ± 10dB 5kHz	Low 180Hz Mid 620Hz High 28kHz - Bright 50kHz	Low 180Hz Mid 620Hz High 28kHz - Bright 50kHz	Low 180Hz Mid 620Hz High 28kHz - Bright 50kHz	Low 120Hz Mid 480Hz High 4500Hz
FX Post Preamp	-	-	series/parallel with potentiometer Send lev. 1Vpp Z<100kohm Ret. lev. 1.5Vpp Z<100kohm	series/parallel with potentiometer Send lev. 1Vpp Z<100kohm Ret. lev. 1.5Vpp Z<100kohm	Send lev. 1Vpp / impedance 1Mohm Return liv. max 1.5Vpp	Send lev. 1Vpp / impedance 1Mohm Return liv. max 1.5Vpp	Send lev. 1Vpp / impedance 1Mohm Return liv. max 1.5Vpp	Serial loop with buffer Send level max 1Vpp Return liv. max 1.5Vpp
FX Pre Preamp	-	-	-	-	-	-	-	-
MIDI	-	-	Midi In: Standard omnimode Midi Thru: preset repetition	Midi In: Standard omnimode Midi Thru: preset repetition	-	-	-	-
MIDI Phantom power	-	-	-	-	-	-	-	-
Classic	-	-	-	-	-	-	-	-
Modern	-	-	-	-	-	-	-	-
Loudspeakers	-	-	-	-	-	2x10" + HF Loudspeaker	1x15" + HF Loudspeaker	1x10" Jensen - driver piezo
Frequency response	-	-	-	-	-	-3dB 52Hz - 18kHz	-3dB 50Hz - 18kHz	-3dB 55Hz - 12kHz
Power supply	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz	110 / 230Vac 50-60Hz
Power consumption	VA 110	110	550	60	400	400	400	115
Weight	kg/Lb 11 / 24.25	10.5 / 23.14	8 / 17.63	5 / 11	5 / 11	25.5 / 56.21	25.5 / 56.21	16/64
Dimensions (WxHxD)	mm 385x177x260 inch 15.15x7x10.23	385x177x260 15.15x7x10.23	482x88x430 19x3.46x17	482x88x240 19x3.46x9.45	482x88x240 19x3.46x9.45	500x647x391 19.68x25.47x15.39	500x647x391 19.68x25.47x15.39	400x462x365 15.74x18.18x14.37
Transport weight	kg/Lb 12.5 / 27.55	12 / 26.45	9.5 / 20.94	6.5 / 14.33	6.5 / 14.33	29 / 64	29 / 64	18 / 39.68
Transport dimensions (WxHxD)	mm 525x265x370 inch 20.66x10.43x14.56	525x265x370 20.66x10.43x14.56	583x137x471 23x5.39x18.54	583x137x391 23x5.40x15.40	583x137x240 23x5.40x15.40	540x685x428 21.25x27x16.85	540x685x428 21.25x27x16.85	465x550x430 18.30x21.65x17
Model	BRUTUS CAB 212 DP	BRUTUS CAB 112 SP	INDY 210	INDY 115				
Type	Cabinet	Cabinet	Cabinet	Cabinet				
Configuration	stereo/mono	mono	Bass Reflex	Bass Reflex				
Loudspeakers	2x12" JENSEN	1x12" JENSEN	2x10" NEODYMIUM	1x15" NEODYMIUM				
Mono power	200W @ 8ohm	100W @ 16ohm	500W RMS (1200W peak)	400W RMS (1200W peak)				
Stereo power	100+100W @ 16ohm	-	-	-				
Frequency response	-3dB 80Hz - 5kHz	-3dB 70Hz - 5kHz	-3dB 51Hz - 18kHz	-3dB 48Hz - 18kHz				
Recommended amplifier	50/200W RMS	25/100W RMS	200/400W RMS	150/400W RMS				
Input connectors	2xJack ø 6.5mm	2xJack ø 6.5mm	2xSpeakon IN/OUT	2xSpeakon IN/OUT				
Weight	kg/Lb 20 / 44	12 / 26.45	19.5 / 43	22 / 48.5				
Dimensions (WxHxD)	mm 792x470x370 inch 31.18x18.5x14.56	457x470x328 18x18.5x13	580x460x450 22.83x18.11x17.71	580x560x450 22.83x22x17.71				
Transport weight	kg/Lb 23.5 / 51.8	15 / 33	23 / 50.7	25 / 55				
Transport dimensions (WxHxD)	mm 824x608x404 inch 32.44x24x16	489x502x360.5 19.25x19.76x14.19	630x550x500 24.8x21.65x19.68	630x660x500 24.80x26x19.68				

ACCESSORIES				
Model	THE MIDI FOOTSWITCH	MF 24	POWER LOAD	SMART MIKE
Button pedals	10 program changes 2 up & down	4 program changes 2 up & down	-	-
Display	3 digits	1 digit	-	-
Power supply	9-15V 800mA	9-15V 200mA	-	-
Phantom Power	5 poles DIN connector at 180°	5 poles DIN connector at 180°	-	-
Max. power	-	-	50W musical (25W RMS)	-
Input impedance	ohm -	-	8	-
Output impedance	K -	-	< 47	-
Peak led	W rms -	-	22	-
Adjustable output level	-	-	0/2Vpp	-
"Case" temperature (1h)	-	-	50°C - 25W rms	-
Weight	kg/Lb 2.5/5.5	0.8/1.76	0.3/0.66	0.5/1.1
Dimensions (WxHxD)	mm/inch 450x40x190/17.71x1.57x7.5	170x40x150/6.7x1.57x6	110x30x60/4.33x1.18x2.36	-
Transport weight	kg/Lb 3.3/7.27	1.3/2.86	0.5/1.1	0.6/1.32
Transport dimensions (WxHxD)	mm/inch 495x110x225/19.5x4.33x8.85	220x115x205/8.66x4.52x8	250x85x200/9.9x3.34x7.9	250x95x190/9.9x3.74x7.5