



FBT.IT
Recanati, Italy

Since 1975
Shidco

Audio Video Lighting

Product Catalog 2026



Audio Video Lighting

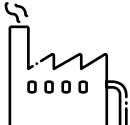
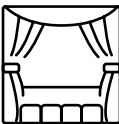
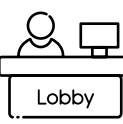
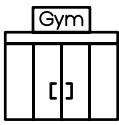
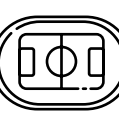
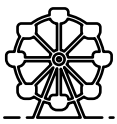
واردات، مشاوره، طراحی و پیاده سازی تجهیزات صوت، نور و تصویر حرفه‌ای



هلدینگ شیدکو

اکنون بالغ بر 30 سال است که هلدینگ شیدکو در زمینه فروش و ارائه خدمات سیستم های تخصصی صدا، نور و تصویر در بازار ایران و منطقه فعالیت می کند و در این راستا نمایندگی رسمی و انحصاری کمپانی های متعددی از نقاط مختلف جهان را بر عهده دارد. تنوع محصولات عرضه شده توسط هلدینگ از یک سو و الزام هلدینگ به ارائه خدمات مهندسی و طراحی از سوی دیگر موجب ایجاد بخش های متنوعی شده است. گارانتی و خدمات پس از فروش از اولویت های هلدینگ شیدکو بوده و خواهد بود.

راهکارهای صوتی برای هر مکان

					سیستم پیچینگ
فروشگاه و هایپر	ساختمان	بیمارستان	کارخانه	فرودگاه و ترمینال	
					سالن همایش و جلسات
سالن همایش	سیستم کنفرانس	مراکز آموزشی	تالار	لابی ساختمان	
					اجرای زنده
باشگاه ورزشی	مسجد و مصلی	هیئت و حسینیه	کافه و رستوران	DJ	
					اماکن ورزشی و تفریحی
استادیوم ورزشی	فضای باز	شهربازی و پارک	هتل	مجتمع تجاری	

ایران آمپ

یک شرکت زیرمجموعه هلدینگ شیدکو می باشد که به صورت تخصصی خدمات پس از فروش محصولات هلدینگ شیدکو را بر عهده دارد. این شرکت با استفاده از تیمی متخصص، تمام محصولات هلدینگ شیدکو شامل بلندگو، ساب ووفر، آمپلی فایر، میکروفون، ... را گارانتی می نماید.





FBT MADE IN ITALY 

(FBT Elettronica S.p.A)

یک شرکت حرفه‌ای ایتالیایی در زمینه تولید تجهیزات صدا برداری حرفه‌ای است که در سال ۱۹۶۳ در شهر رکاناتی (Recanati) تأسیس شد. در سال ۱۹۶۳ کمپانی اف بی تی اقدام به تولید و طراحی سیستم‌های صوتی با هدف توسعه کیفیت و شفافیت صدا کرد. هدف از این کار ایجاد یک صدای هارمونیک و دلنشین بود که قلب و روح شنودگان را در دست بگیرد.

حضور جهانی محصولات FBT

محصولات FBT در بیش از ۱۰۰ کشور و از طریق بیش از ۱۴۰ توزیع‌کننده عرضه می‌شوند. در سال ۲۰۰۰ هلدینگ شیدکو به عنوان نماینده انحصاری محصولات اف بی تی اقدام به واردات محصولات این کمپانی در ایران کرد. به جرات می‌توان گفت اف بی تی از اولین برندهای حرفه‌ای صدا بود که پس از انقلاب به صورت رسمی وارد ایران شد. پس از استقبال مردم از این برند سال ۲۰۰۳ مدیر فروش منطقه آقای مازرو زازینی به ایران سفر کردند. در سال ۲۰۱۴ فروشگاه تخصصی برای برند اف بی تی در تهران شروع به کار کرد. با توجه به فروش بالای محصولات در ایران تصمیم به برگزاری سمینار و آموزش محصولات اف بی تی گرفته شد. محصولات اف بی تی شامل اسپیکرهای گوناگون مانند لین اری، اسپیکر پوینت، اسپیکر هورن، اسپیکر مانیتور استیج، اسپیکر سقفی، اسپیکر ستونی، آمپلی فایر و ... است.

هلدینگ شیدکو نمایندگی انحصاری برند اف بی تی (FBT) از سال ۱۳۷۵ شمسی در ایران می‌باشد.





MITUS Installation Speaker



Model		215A	152A	115A		152
Configuration:	way	2	2	2	Configuration:	way 2
Built-in amplif. LF HF:	W RMS	1100 250	1100 250	600 300	Recommended amplifier:	W RMS 800
Built-in amplif. max. peak LF HF	W	2200 500	2200 500	1200 600	Long term power	W 400
Frequency response:	@-6dB	42Hz - 20KHz	45Hz - 20KHz	46Hz - 20KHz	Short term power IEC 268-5	W 1400
Crossover frequency:	kHz	1.2	1.2	1.5	Nominal impedance:	ohm 8
Low Frequency woofer:	inch	2x15 - 3 coil	1x15 - 3 coil	1x15 - 3 coil	Frequency response:	-6dB 47Hz - 20KHz
High Frequency driver:	inch	1 x 2 - 2.5 coil	1 x 2 - 2.5 coil	1 x 1 - 1.7 coil	Crossover frequency	kHz 1.2
Maximum SPL cont peak:	dB	133 136	129 136	127 133	Low Frequency woofer:	inch 1x15 - 3 coil
Dispersion:	H x V	60° x 40°	60° x 40°	80° x 50°	High frequency driver:	inch 1 x 2 - 2.5 coil
AC Power requirements	Kohm	800	800	640	Sensitivity (@1W 1m):	dB 100
Input connector:		XLR with loop	XLR with loop	XLR with loop	Maximum SPL cont peak:	dB 128 132
Power cord:	m ft	5 16.4	5 16.4	5 16.4	Dispersion:	HxV 60° x 40°
Net Dimension (WxHxD):	mm	493x1245x471	425x805x421	425x750x421	Net Dimension (WxHxD):	mm 425x805x421
Net Weight:	Kg	52.5 115.74	36.5 80.46	28 61.7	Net Weight:	kg 35.5 78.26



HiMaxX TOURING SPEAKER



Model		60A	40A			60	40
Configuration:	way	2	2	Configuration:	way	2	2
Built-in amplifier LF HF:	W RMS	1100 250	1000 250	Recommended amplifier:	W RMS	700	500
Built-in amplif. max. peak LF HF	W	2200	2000	Long term power	W	350 1400	250 1000
Frequency response:	@-6dB	40Hz - 20kHz	45Hz - 20kHz	Short term power IEC 268-5	W	1400	1000
Crossover frequency:	kHz	1.2	1.6	Nominal impedance:	ohm	8	8
Low Frequency woofer:	inch	1x15 - 3 coil	1x12 - 3 coil	Frequency response:	-6dB	40Hz - 20kHz	50Hz - 20kHz
High Frequency driver:	inch	14.4 - 2.5 coil	1 - 1.7 coil	Crossover frequency	kHz	1.3	1.6
Maximum SPL cont peak:	dB	129 135	127 133	Low Frequency woofer:	inch	1x15 - 3 coil	1x12 - 3 coil
Dispersion:	H x V	90° x 60°	90° x 60°	High frequency driver:	inch	1.4 - 2.5 coil	1.7 coil
AC Power requirements	Kohm	22 Kohm	22	Sensitivity (@1W 1m):	dB	99	99
Input connector:		XLR with loop	XLR with loop	Maximum SPL cont peak:	dB	129 132	127 131
Power cord:	m ft	5 16.4	5 16.4	Dispersion:	HxV	90° x 60°	90° x 60°
Net Dimension (WxHxD):	mm	482x757x600	407x634x370	Net Dimension (WxHxD):	mm	482x757x427	407x634x370
Net Weight:	Kg	28.3	17.9	Net Weight:	kg	26	16



S J8
Adjustable wall
mount stand



S J5
Adjustable wall mount
stand



Model		J15a	J12a	J8a	J5a
Configuration	way	2	2	2	2
Built-in amplifier cont. rms LF HF	W	300 70	300 70	150 40	60 30
Built-in amplifier max. rms LF HF	W	350 100	350 50	200 50	80 40
Built-in amplifier max. peak LF HF	W	700 200	700 200	400 100	160 80
Frequency response	@-6dB	48Hz - 20KHz	50Hz - 20KHz	60Hz - 20KHz	80Hz - 20KHz
Low frequency woofer	inch	15 - 2 coil	12 - 2 coil	8 - 1.7 coil	5 - 1 coil
High frequency driver	inch	1 - 1 coil	1 - 1 coil	1 - 1 coil	1 dome - 0.75coil
Maximum SPL cont peak	dB	125 129	124 128	120 124	113 117
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°	90° x 90°
Input impedance	kOhm	22	22	22	22
Crossover frequency	kHz	1.8	2	2.5	3.5
AC Power requirements	VA	400	400	160	75
Input connectors		XLR-jack with loop	XLR-jack with loop	XLR-jack with loop	XLR combo with loop
Power cord	m inch	5 16.4	5 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm	410x663x387	410x663x387	255x415x245	170x275x180
Net weight	kg	14	13.7	8.2	3.4

Model		J15	J12	J8	J5	J5T
Configuration	way	2	2	2	2	2
Recommended amplifier	W rms	300	300	160	80	50(70 100V)
Long term power	W	150	150	80	40	25
Short term power IEC 268-5	W	600	600	320	160	100
Nominal impedance	Ohm	8	8	8	16	16
Frequency response	@-6dB	50Hz - 20KHz	55Hz - 20KHz	65Hz - 20KHz	90Hz - 20KHz	90Hz - 20KHz
Low frequency woofer	inch	15 - 2 coil	12 - 2 coil	8 - 1.7 coil	5 - 1 coil	5 - 1 coil
High frequency driver	inch	1 - 1 coil	1 - 1 coil	1 - 1 coil	1 dome - 0.75coil	1 dome - 0.75 coil
Sensitivity (@1W 1m)	dB	99	98	96.5	94	91
Maximum SPL cont peak (Bi-Amp)	dB	124 127	123 127	118.5 121.5	114 117	111 114
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°	90° x 90°	90° x 90°
Crossover frequency	kHz	1.8	2	2.5	3.5	3.5
Recommended HP filter		40hz - 24dboct	45hz - 24dboct	55hz - 24dboct	80hz - 24dboct	80hz - 24dboct
Input connectors		2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	1 x jack + terminal strip	terminal strip
Net dimensions (WxHxD)	mm	410x663x387	410x663x387	255x415x245	170x275x180	170x275x180
Net weight	kg	14.7	14.1	6.6	3.4	3.4

FBT



J Series



NEW J SERIES - MORE
TECHNOLOGY FOR IMPROVED
PERFORMANCE AND QUALITY
VALUE FOR MONEY



J Maxx

Two ergonomic carrying handles,
M10 fly points , top-hat speaker
stand socket.

2 - way enclosures have 3 monitor tapers
for use as a floor wedge at 12°, 45°, 55°,
providing extraordinary versatility for
monitor application.



12°



45°



55°



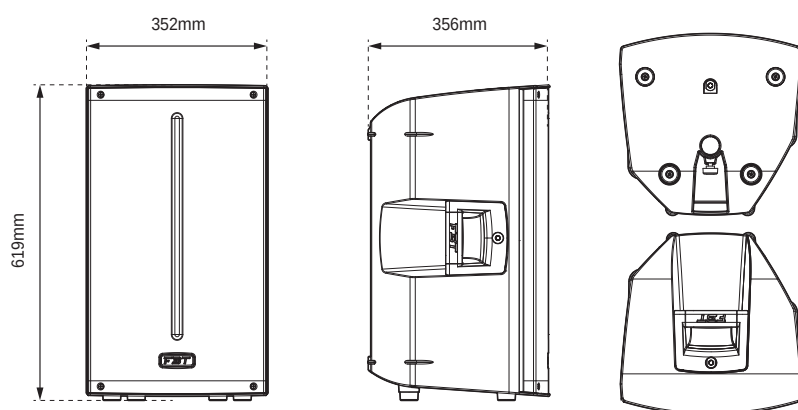
Model		JMaxx 114A	JMaxx 112A	JMaxx 110A
Configuration	way	2	2	2
Built-in amplifier max. rms LF HF	W	700 200	700 200	700 200
Built-in amplifier max. peak LF HF	W	1400 400	1400 400	1400 400
Frequency response	@-6dB	45Hz - 20KHz	48Hz - 20KHz	58Hz - 20KHz
Low frequency woofer	inch	14 - 2.5 coil	12 - 2 coil	10 - 2 coil
High frequency driver	inch	1 - 1.4 coil	1 - 1 coil	1 - 1 coil
Maximum SPL cont peak	dB	126 132	125 131	123.5 129.5
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°
Input impedance	kOhm	22	22	22
Crossover	kHz	1.6	1.6	1.8
AC Power requirements	VA	640	640	640
Input connectors		XLR with loop, Jack 6.3mm	XLR with loop, Jack 6.3mm	XLR with loop, Jack 6.3mm
Power cord	mm inch	5 16,4	5 16,4	5 16,4
Net dimensions (WxHxD)	mm	402x644x345	402x644x345	320x550x275
Net weight	kg	14	13.8	11

FBT

X-PRO



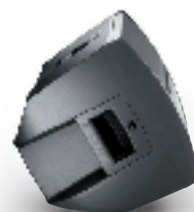
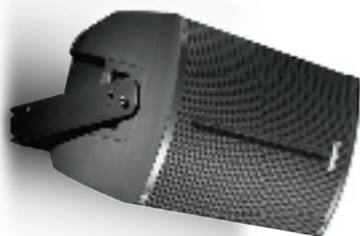
Model		X-PRO 115A	X-PRO 112A	X-PRO 110A	X-PRO 112MA
Configuration	way	2	2	2	2
Built-in amplifier max LF HF	1200 300	W	1200 300	1200 300	1200 300
Frequency response	@-6dB	42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz	54Hz - 20KHz
Low frequency woofer	inch	15 - 2.5 coil	12 - 2.5 coil	10 - 2.5 coil	12 - 2.5 coil
High frequency driver	inch	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil
Maximum SPL peak	dB	125 130	124 129	123 127	124 129
Dispersion	H x V	80° x 50° rotatable	80° x 50° rotatable	80° x 50° rotatable	80°
Input impedance	kOhm	22	22	22	22
AC Power requirements	VA	500	500	500	500
Input connectors		XLR IN OUT, Jack ST	XLR IN OUT, Jack ST	Jack ST	XLR IN OUT, Jack ST
Power cord	mm inch	5 16.4	5 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm	439x735.5x440	369x640x370	314x550x315	550x320x467
Net weight	kg	22	18	13.5	16



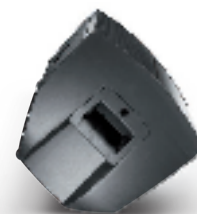
		X LITE 110	X LITE 112	X LITE 115
Code		46167	46168	46169
Configuration	way	2	2	2
Low frequency woofer	inch	10 - 2.5 coil	12 - 2.5 coil	15 - 2.5 coil
High frequency driver	inch	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil
Frequency response (@-6dB)	Hz	65 - 20k	55 - 20k	50 - 20k
Sensitivity (@1W/1m)	dB	---	---	---
MAX SPL (cont/peak)	dB	121 / 124	123.5 / 126.5	124.5 / 127.5
Dispersion	H° x V°	90 x 60	90 x 60	90 x 60
Input connectors		2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon	2 x Neutrik NL4 Speakon
Recommended amplifier	W RMS	350	400	400
Long term power	W	175	200	200
Short term power (IEC 268-5)	W	700	800	800
Nominal impedance	Ohm	8	8	8
Material	Cabinet	Polypropylene	Polypropylene	Polypropylene
	Grille	Steel	Steel	Steel
Net dimensions (WxHxD)	mm	293 x 536 x 300	352 x 619 x 356	433 x 706 x 400
Transport dimensions (WxHxD)	mm	375 x 620 x 375	445 x 708 x 445	510 x 780 x 475
Net weight	kg	12.80	15.20	18.80



X-LITE



Monitor 30°



Monitor 45°



Model		X-LITE 115A	X-LITE 112A	X-LITE 110A	X-LITE 108A
Configuration	way	2	2	2	2
Built-in amplifier max LF HF	W	1200 300	1200 300	1200 300	600 200
Frequency response	@-6dB	42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz	58Hz - 20KHz
Low frequency woofer	inch	15 - 2.5 coil	12 - 2.5 coil	10 - 2.5 coil	8 - 2 coil
High frequency woofer	inch	1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil	1 - 1 coil
Max SPL cont peak	dB	125 130	124 129	123 127	120 124
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°	90° x 60°
Input impedance	kOhm	22	22	22	22
AC Power requirement	VA	500	500	500	250
Input connectors		XLR IN OUT, Jack ST	XLR IN OUT, Jack ST	XLR IN OUT, Jack ST	XLR IN OUT, Jack ST
Power cord	m	5	5	5	5
Net dimensions (WxHxD)	mm	433x706,5x400	356x619x357	300x536x301,5	265x460x281
Net weight	kg	19,3	16.3	14,8	10

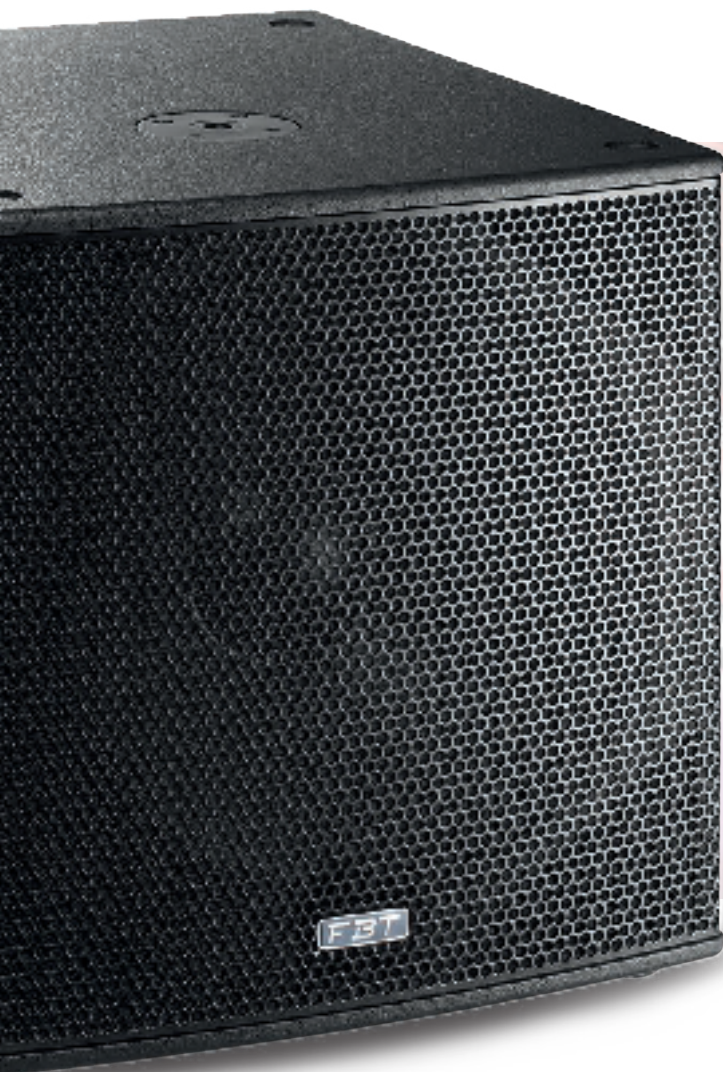


X-SUB



Model		X-SUB 18SA	X-SUB 15SA
Configuration	way	1	1
Built-in amplifier max LF HF W		1200	1200
Frequency response	@-6dB	38Hz - 120Hz	42Hz - 120Hz
Low frequency woofer	inch	18 - 3 coil	15 - 3 coil
High frequency driver	inch	-	-
Maximum SPL peak	dB	136 half space	135 half space
Dispersion	H x V	omni	omni
Input impedance	kOhm	22	22
AC Power requirements	VA	600	600
Input connectors		-	-
Power cord	mm inch	5 16.4	5 16.4
Net dimensions (WxHxD)	mm	510x655x650	455x586x570
Net weight	kg lb	34 74.95	30 66.1





SUBline



Model		SUBLine 218Sa	SUBLine 118Sa
Configuration	way	1	1
Built-in amplifier max. LF HF	W RMS	1200	1200
Built-in amplifier max. peak LF HF	W	2400	2400
Frequency response	@-6dB	30Hz - 100Hz	33Hz - 100Hz
Low frequency woofer	inch	2x18 - 3 coil	1x18 - 3 coil
High frequency driver	inch	-	-
Maximum SPL cont peak	dB	137 140 half-space	134 137 half-space
Dispersion	H x V	omnidirectional	omnidirectional
Input impedance	kOhm	22	22
Crossover frequency	kHz	100Hz	100Hz
AC Power requirements	VA	800	800
Input connectors		stereo XLR with loop	stereo XLR with loop
Power cord	m ft	7 22.9	7 22.9
Net dimensions (WxHxD)	mm	975x661x670	555x572x666
Net weight	Kg	81	44,5



MR-F214 Code 43901
Flybar for flown configurations



MR-FJ214 Code 44227
Rigging accessory for azimuth adjustment



MR-J214 Code 44228
Pull-back compression frame



MR-F218 Code 43897
Flybar for flown configurations



MR-T214 Code 43898
Dolly transport or ground stack installation



MR-P214 Code 44591
Extension feet for dolly transport



MR-T218 Code 43902
Dolly transport or ground stack installation



MR-TC214 Code 44592
Top cover



214L

BI-AMPED LINE ARRAY
1600W + 640W - 147 DB SPL

- Bi-amplified 3-way line array
- 2 x 356mm (14") custom woofers with 76mm (3") voice coil
- 2 x Coaxial B&C MF HF compression drivers with 100mm (4") voice coil MF and 36mm (1.4") throat, 64mm (2.5") coil HF
- Short path FBT waveguide with 90° horizontal dispersion (vertical dispersion dependent on number of elements and array curvature)
- Frequency response from 40Hz to 20kHz
- Neutrik® speakON™ NL4M input and link connectors
- Internal passive MF HF crossover; only two amplifier channels required



218S

REFLEX SUBWOOFER
4000W - 143 DB SPL

- Dual 18" reflex-loaded subwoofer
- 2 x 457mm (18") custom woofers with 100mm (4") voice coils
- Frequency response down to 25Hz
- Neutrik® speakON™ NL4M input and link connectors
- Cabinet in premium grade Baltic birch plywood with polyurea coating
- Curved tuning port for decreased airflow velocity and reduced turbulence
- Optimised vent shape reduces port compression and maintains linearity
- Standard and cardioid presets available





Myra



Model		214L	218S
GENERAL			
Configuration	Way	3	passive 1-way subwoofer
Low frequency woofer	Inch mm	2 x 14" (neo) - 3" voice coil	2 x 18" neodymium - 4 VC
High frequency driver	Inch mm	1,4 " neo coax 4 " coil MF 2,5 " coil	---
ACOUSTICAL SPEC.			
Frequency response	@-6dB	40Hz -20kHz	25Hz
SPL max. (cont peak)	dB	147dB	143dB
Dispersion	HxV	90 x depends on curvature and	omnidirectional
		number of elements HxV, '90°	
AMPLIFIER			
Recommended amplifier	W RMS	1600 LF - 600 MF HF	4000
Long term power	W	800W LF - 300W MF HF	2000
Short term power (IEC 268-5)	W	3200W LF - 1200W MF HF	8000
Nominal impedance	Ohm	4 Ohm LF - 16 Ohm MF HF	4 Ohm
INPUTS OUTPUTS			
Input connectors		Neutrik NL4M	Neutrik NL4M
MECHANICAL SPEC .			
Splay angle between cabinets		8° max (0.25° - 1° -2° - 3° - 4° - 5° - 6° - 8°)	
Material		Cabinet in plywood - blackpolyurea finish	Cabinet in baltic birch plywood - blackpolyurea finish
Handles		Alluminium (1 x side)	Integrated (3 x side)
Net Sizes (WxHxD)	mm	930 x 400 x 530 mm	1340x555x74mm0
Net weight	kg	61,5 kg	87.5kg

THE POWERFUL TOURING SOUND SOLUTION

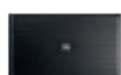
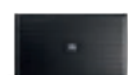
FBT



MUSE Installation Speaker



Model		210LA	118FSA	218FSA
Configuration	way	2	1 HYBRID BANDPASS	1 reflex
Built-in amplif. cont. rms LF HF	W RMS	400 200	-	-
Built-in amplif. max. rms LF HF	W	600 300	1200	4000
Built-in amplif. max. peak LF HF	W	1200 600	2400	8000
Frequency response	55Hz - 20KHz	B55Hz - 20KHz	33Hz - 100Hz	30Hz - preset dependant
Low frequency woofer	inch	2x10 - 2.5 coil	1x18- 3.5 coil - neodymium	2 x 18 - 4 coil
High frequency driver	inch	2x1 - 1.7 coil	-	-
Maximum SPL cont peak	dB	128 135	135 139 half-space	142.5 148.5 half-space
Dispersion	H x V	90° x 10° max dependant upon n° of element	omnidirectional	omnidirectional
Input impedance	kOhm	22	22	22
Crossover frequency	kHz	1.1	preset dependant	preset dependant
AC Power requirements	VA	640	640	800
Input connectors		XLR with loop	XLR with loop	XLR IN OUT
Power cord	m ft	-	5 16.4	5 16.4
Net dimensions (WxHxD)	mm	652x296x425	652x500x750	652x500x750
Net weight	Kg	38	67	67



VHA-FH 406-1
VHA406ND N

Model		VHA 406A	VHA 112SA
Configuration	way	2 REFLEX	1 REFLEX
Built-in amplif. max. LF HF	W RMS	600 300	1200
Built-in amplif. max. peak LF HF	W	1200 600	2400
Frequency response	@-6dB	65Hz - 20KHz	preset dependant
Low frequency woofer	inch	4x6.5- 1.5 coil	1x12- 3 coil
High frequency driver	inch	1x1.4 - 2.5 coil - neodymium	-
Maximum SPL cont peak	dB	128 133	131.5 135 half-space
Dispersion	H x V	90 x 20	omnidirectional
Input impedance	kOhm	22	22
Crossover frequency	kHz	1,2	preset dependant
AC Power requirements	VA	640	640
Input connectors		XLR with loop	XLR with loop
Power cord	m ft	5	5
Net dimensions (WxHxD)	mm	612x360x397	612x360x397
Net weight	Kg	31	26
Transport dimensions (WxHxD)	mm	720x410x515	720x410x515
Transport weight	Kg	33	28





VHA406ND N x 3
VHA1 12SND SN
VHA-T 406



VHA406ND N x 2
VHA1 12SND SN
VHA-B 406
VHA118SND SN



VHA406ND N
VHA-S 406
VHA118SND SN



VHA406ND N
VHA1 12SND SN max
3 VHA-T 406

HORIZON

Vertical Horizontal Line Array



Model		VHA406N	VHA112SN	VHA118SN
Configuration	Way	active 2-way reflex line array module	active 1 way reflex subwoofer	1 Reflex
Low frequency woofer	Inch mm	4 x 6,5" 1,5" coil	1 x 12" 3" coil	1x18 - 4 coil
High frequency driver	Inch mm	1 x 1,4" 2,5" coil	---	---
Frequency response	@-6dB	65Hz - 20kHz	50Hz - 120Hz	30Hz preset dependant
SPL max. (cont peak)	dB	128 133	131,5 135	137 143 half-space
Dispersion	HxV	90°x20°	omnidirectional	omnidirectional
Built-in amplifier max. LF HF	W	600 300	1200	2500
Built-in amplifier max. peak LF HF	W	1200 600	2400	5000
Input impedance	kOhm	22	22	22
Power supply connectors		PowerCon IN OUT	PowerCon IN OUT	PowerCon IN OUT
Input connectors		XLR IN OUT	XLR IN OUT	2 x XLR with loop
Input output NET		NET IN NET OUT (EtherCon)	NET IN NET OUT (EtherCon)	NET IN NET OUT (EtherCon)
POWER SUPPLY SPEC.				
AC Power requirements	W	640	640	650
Power cord	mt. Ft.	5 16,4	5 16,4	5 16,4
Material		Cabinet in baltic birch plywood - black polyurea finish	Cabinet in baltic birch plywood - black polyurea finish	Cabinet in baltic birch plywood - black polyurea finish
Handles		Integrated (1 x side)	Integrated (1 x side)	Integrated (3 x side)
Net Sizes (WxHxD)	mm	612x360x397	612x360x397	



Mitus



Model		206LA	212FSA	118FSA FSCA
Configuration	way	2	1 Bandpass	1 Hybrid Bandpass
Built-in amplif. max. LF HF	W RMS	600 300	1200	1200
Built-in amplif. max. peak LF HF	W	1200 600	2400	2400
Frequency response	@-6dB	68Hz - 20KHz	45Hz - 120Hz	33Hz - 100Hz
Low frequency woofer	inch	2x6.5 - 1.7 coil neodymium	2 x 12 - 3 coil neodymium	1x18- 3.5 coil - neodymium
High frequency driver	inch	1 x 1.4 - 2.5 coil neodymium	-	-
Maximum SPL cont peak	dB	125 134	134 138 half-space	135 139 half-space
Dispersion	H x V	100° x 10° max dependant upon n° of element	omnidirectional	omnidirectional
Input impedance	kOhm	22	22	22
Crossover frequency	kHz	1.2	preset dependant	preset dependant
AC Power requirements	VA	640	640	640
Input connectors		XLR with loop	XLR with loop	XLR with loop
Power cord	m ft	5 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm	574x220x383	576x420x660	576x500x756
Net weight	Kg	14	36.5	45



VARIABLE CURVATURE LINE ARRAY



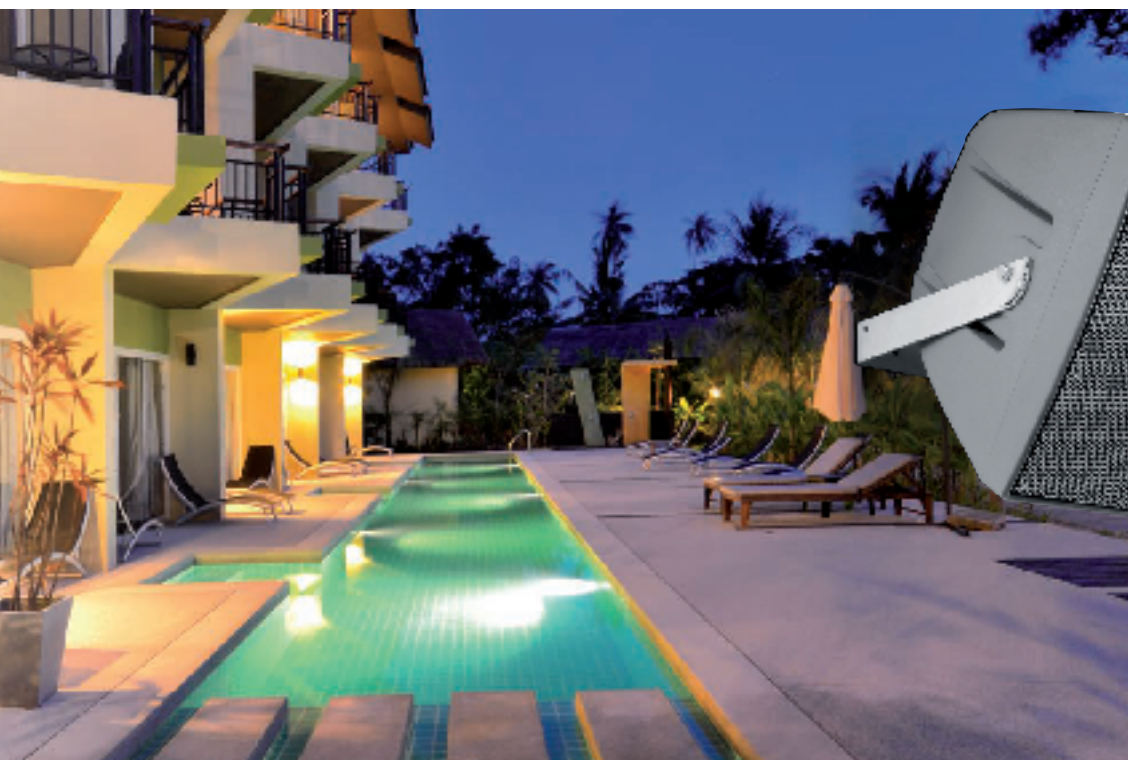


ARCHON

Point Source



Model		115	112	110	108	106
Configuration	way	2	2	2	2	2
Recommended amplifier	W rms	1000	1000	700	350	300
System Long term power	W	500	500	350	175	150
System Short term power IEC 268-5	W	2000	2000	1400	700	600
Transformer	V W	100 300 optional	100 300 optional	100 200 optional	100 100	100 100
Nominal impedance	Ohm8	8	8	8	8	8
Frequency response	@-6dB	48Hz - 18KHz	50Hz - 18KHz	60Hz - 18KHz	55Hz - 22KHz	60Hz - 22KHz
Low frequency woofer	inch	15 - 3 coil	12 x 3 coil	10 - 2.5 coil	8 - 1.5 coil	6.5 - 1.5 coil
AES power	W	400	400	300	-	-
High frequency driver	inch	2 - 2.5 coil	1.4 - 2.5 coil	1 - 1.7 coil	1.5 - 1.5 coil dome	1 - 1 coil dome
AES power	W	80	80	50	-	-
Sensitivity (@1W 1m)	dB	100	99	97	92.5	91
Maximum SPL cont peak (Bi-Amp)	dB	130 134	129 133	125 129	118 121	116 119
Dispersion	H x V	60° x 40°	70° x 50°	80° x 50°	90°	100°
Crossover frequency	kHz	1.3 passive or active Bi-Amp	1.6 passive or active Bi-Amp	1.8 passive or active Bi-Amp	2	2.5
Recommended HP filter		35hz - 24dboct	40hz - 24dboct	45hz - 24dboct	45hz - 24dboct	45hz - 24dboct
Recommended external filter		Digital management with presets	Digital management with presets	Digital management with presets	Digital management with presets	-
Input connectors		2 x Speakon NL4 in & thru 4 x Euroblock	2 x Speakon NL4 in & thru 4 x Euroblock	2 x Speakon NL4 in & thru 4 x Euroblock	2 x Speakon NL4 in & thru 4 x Euroblock	4 x Euroblock
Net dimensions (WxHxD)	mm	435X740X421	365X660X380	320X550X325	248X411X248	216X370X216
Net weight	kg	32	25.5	19	8	5.5



SHADOW

INDOOR OR OUTDOOR

Point Source

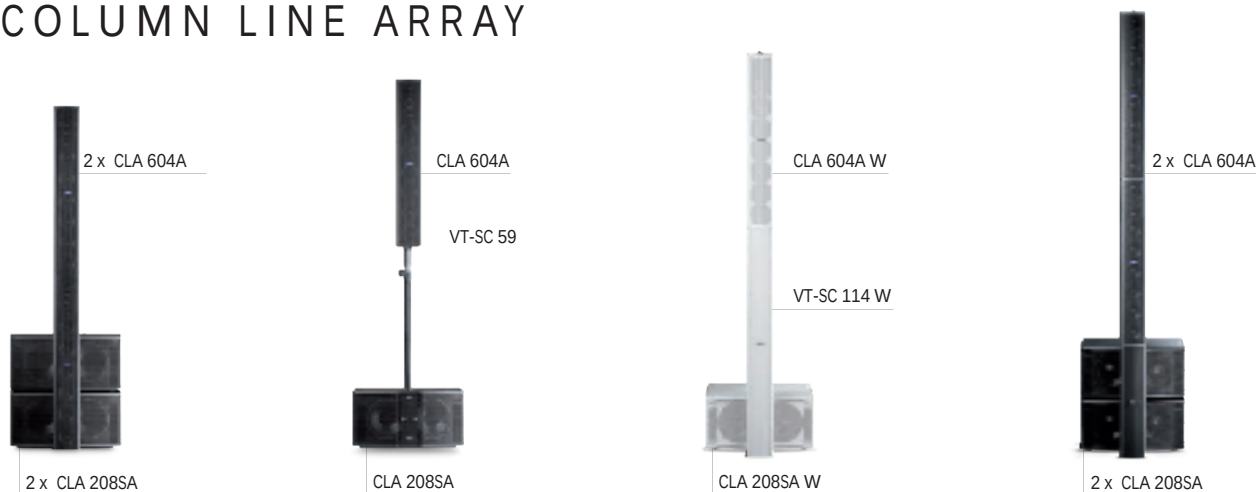


Model		112HC	112CT	108CT	105T	114S
Configuration	way	2	2	2	2	2
Recommended amplifier (Biamp LF HF) W rms		600	600	450	120	700
System Long term power (Biamp LF HF) W		300	300	225	60	350
System Short term power IEC 268-5 (Biamp LF HF) W		1200	1200	900	240	1400
Transformer	V W	100 200 optiona	100 200	100 100	100 50	100 300 optional
Nominal impedance (Biamp LF HF) Ohm		8	8	8	8	8
Frequency response	@-6dB	95Hz - 20KH	70Hz - 20KH	80Hz - 20KH	90Hz - 20KH	60Hz - 400Hz
Low frequency woofer	inch	12 - 2.5 coil	12 - 2.5 coil	8 - 2 coil	5 - 1 coil	14 - 3 coil
AES power		250	250	200	50	350
High frequency driver	inch	1 - 1.7 coil	1 - 1.7 coil	1 - 1.4 coil	1 - dome	-
AES power		50	50	25	10	-
Sensitivity (@1W 1m) (Biamp LF HF) dB		101	98	95	89	97
Maximum SPL cont peak	dB	128 132	124 128	120 124	109 112	125.5 129.5
Dispersion	H x V	90° x 60°	90° conical	90° conical	100°	omnidirectional
Crossover frequency	kHz	1.6	1.6	1.8	3	external
Recommended HP filter		70hz - 24dboc	50hz - 24dboc	60hz - 24dboc	70hz - 24dboc	40hz - 24dboc
Input connectors		4 wire cable	4 wire cable	4 wire cable	4 wire cable	4 wire cable
Net dimensions (WxHxD)	mm	430x430x400	430x430x400	285x285x250	168x222x200	430x430x400
Net weight	kg	21	15	7	3,5	17



CLA

COLUMN LINE ARRAY



Model		CLA 406.2A	CLA 206A	CLA 118SA	CLA 604A	CLA 208SA
Configuration	way	2	2	1 REFLEX	2	1 REFLEX
Built-in amplifier max. LF HF	W RMS	600 300	600 300	1200	400 100	600
Built-in amplifier max. peak LF HF	W	1200 600	1200 600	2400	800 200	1200
Frequency response	@-6dB	65Hz - 20KHz	65Hz - 20KHz	33Hz - 120Hz	130Hz - 20KHz	50Hz - 180Hz
Low frequency woofer	inch	4x6.5- 1.5 coil	2x6.5 - 1.5 coil	1x18- 3 coil	6 x 4" - 1" coil	2 x 8" - 2" coil
High frequency driver	inch	1x1.4 - 2.5 coil neodymium	1x1.4 - 2.5 coil neodymium	-	4 x 1" - 1" coil	-
Maximum SPL cont peak	dB	128 133	125 133	134 138	122 125 half-space	125 129 half space
Dispersion	H x V	100° x 25°	100° x 25°	omnidirectional	100° x 20°	omnidirectional
Input impedance	kOhm	22	22	22	22	22
Crossover frequency	kHz	1.2	1.2	preset dependant	2.5	0.15
AC Power requirements	VA	640	640	640	450	450
Input connectors		XLR with loop	XLR with loop	XLR with loop	XLR with loop	stereo XLR with loop HP out
Power cord	m ft	5 16.4	5 16.4	5 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm	190x1135x290	190x777x290	550x550x660	130x841x130	550x270x500
Net weight	Kg	27	19	40	9	20



LIBRA

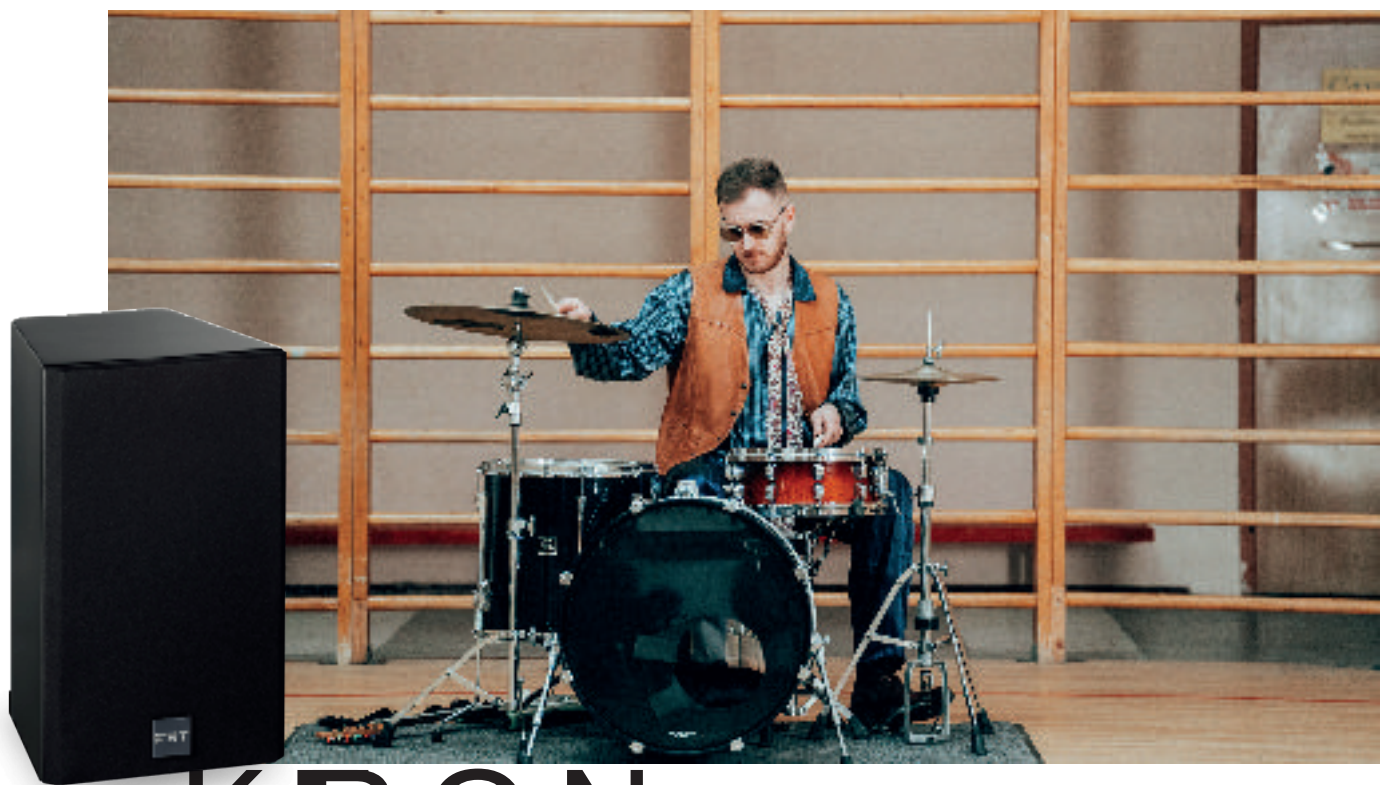
LIBRA 8S

- Natural low-frequency reproduction
- Compact cylindrical enclosure
- 8" excursion driver
- Bass reflex enclosure
- Custom finishes on request
- Euroblock in & thru connector
- Ideal match for LIBRA 5CT pendant speaker

LIBRA 5CT

- Natural audio reproduction
- Compact, lightweight enclosure
- 2-way loudspeaker design
- 70V/100V or 16Ω multitap line transformer
- Bass reflex enclosure
- Ideal match for LIBRA 8S subwoofer
- EN 54-24

Model		LIBRA 5CT					LIBRA 8S	
Code (Black White)		45511	45483	46118	46117			
Configuration	Way	2 coax					1	
LF Transducer	inch	5					8	
HF Transducer	inch	1					---	
Recommended Amplifier	W	120					300	
Rated Long Term Power (IEC)	W	60					150	
Rated Short Term Power (IEC)	W	240					600	
Rated Impedance	Ω	16					8	
Transformer Taps	W	64	32	16	10	Bypass	---	
Frequency Response (@-6dB)	Hz	80 - 20.000					42 - 300	
Sensitivity (@1W 1m)	dB	86					89	
Max SPL (cont peak)	dB	104	110				114	117
Nominal Dispersion	H° x V°	85 conical					Omni	
Materials		ABS Metal					plywood Steel	
Dimensions (WxHxD)	mm	Ø215 x 275					Ø326 x 27.4	
Net Weight	Kg	4					6.1	



KRON

A TOUCH of ELEGANCE

KEIRON 8C , 5C

- Uniform sound distribution
- Flexible installation features
- Custom finishes on request
- Euroblock in & thru connectors
- Elegant fabric-covered magnetic front frame
- Ideal match for KEIRON 8S subwoofer

KEIRON 4C

- Compact cube-shaped 2-way coaxial system
- Ultimate clarity, detail and coverage in short-throw applications
- Smooth and consistent off-axis frequency response
- Extended application range when using subwoofer options
- Wide range of mounting options from ceilings to bookshelves



		KEIRON 8C	KEIRON 5C	KEIRON 4C
Code (Black White)		45384 46174	45383 46173	45382 46172
Configuration	way	2 coax	2 coax	2 coax
LF transducer	inch	8 - 2 vc	5 - 1.5 vc	4 - 1.5 vc
HF transducer	inch	1 - 1.4 vc	1 - 1 vc	1 - 1 vc
Recommended Amplifier	W	250	120	100
Rated Long Term Power (IEC)	W	125	60	50
Rated Short Term Power (IEC)	W	500	240	200
Rated impedance	Ω	8	16	16
Frequency response (@-6dB)	Hz	60 - 20.000	80 - 20.000	100 - 20.000
Sensitivity (@1W 1m)	dB	96	93	91
Max SPL (cont peak)	dB	120 125	114 117	111 114
Nominal dispersion	H° x V°	80 conical	90 conical	90 conical
Materials		Wood Fabric	Wood Fabric	Wood Fabric
Dimensions (WxHxD)	mm	260 x 400 x 226	164 x 270 x 165	132 x 132 x 132
Net weight	Kg	7.6	3.4	2.6

The ARCHITECTURAL series





S O P

The SOP series of high-efficiency sound projectors with a new 5.25" dual

KEY FEATURES

- IP66 junction box with in & thru connectors
- Ceramic terminal block
- Elegant modern design
- Highly reliable speaker design
- Rugged ABS body and coated aluminium grille

Model		SOP 522T				SOP 521T			
Code (Black White)		47324	47325			47326	47327		
Configuration	way	1				1			
Fullrange Transducer	inch	2 x 5.25				5.25			
Recommended Amplifier	W	---				---			
Long Term Power (cont)	W	---				---			
Short Term Power (peak)	W	---				---			
Rated Impedance	Ω	500	1000	2000		500	1000	2000	
Transformer Taps (@100V)	W	20	10	5		20	10	5	
Frequency Response (@-6dB)	Hz	50 - 18.000				50 - 18.000			
Sensitivity (@1W 1m)	dB	90				90			
Max SPL (cont peak)	dB	103	103	109		103	103	109	
Nominal Dispersion	H° x V°	2 x 90 conical				90 conical			
Materials		ABS Aluminium				ABS Aluminium			
Dimensions (WxHxD)	mm	280 x 190 x 196				221 x 170 x 166			
Net Weight	Kg	2.67				1.56			



CANTO

Passive Point Source



		8C	5C	5CT	3CT
Code	Black	45476	45506	45507	45505
	White	45475	44897	45395	45394
Configuration	way	2 coax	2 coax	2 coax	2 coax
Low frequency woofer	inch	8 - 2 coil	5 - 1.5 coil	5 - 1.5 coil	3.4 - 0.8 coil
High frequency driver	inch	1 - 1.4 coil	1 - 1 coil	1 - 1 coil	0.6 - 0.6 coil
				Transformer V W 100 7.5 - 15 - 30 - 60	100 7.5 - 15
Frequency response (@-6dB)	Hz	60 - 20k	80 - 20k	80 - 20k	140 - 20k
Sensitivity (@1W/1m)	dB	96	93	93	91
MAX SPL (cont peak)	dB	120 125	114 117	114 117	105 108
Dispersion	H° x V°	80 conical	90 conical	90 conical	120 conical
Crossover frequency	Hz	2k	3k	3k	5k
Recommended HP filter		50 - 24	70 - 24	70 - 24	130 - 24
Input connectors		4-pin Euroblock in & thru	4-pin Euroblock in & thru	4-pin Euroblock in & thru	4-pin Euroblock in & thru
Recommended amplifier	W RMS	250	120	120	40
Long term power	W	125	60	60	20
Short term power (IEC 268-5)	W	500	240	240	80
Nominal impedance	Ohm	8	16	16	16
Material		Gas injected polypropylene	Gas injected polypropylene	Gas injected polypropylene	ABS
Net dimensions (WxHxD)	mm	240 x 416 x 240	160 x 276 x 170	160 x 276 x 170	110 x 114 x 159
Net weight	kg	6.10	3	3.60	0.85



CANTO

Active Point Source

Model		5CA	8CA
	Black	45509	45474
Code	White	44889	45473
Configuration	way	2 coax	2 coax
Low frequency woofer	inch	5 - 1.5 coil	8 - 2 coil
High frequency driver	inch	1 - 1 coil	1 - 1.4 coil
Frequency response (@-6dB)	Hz	70 - 20k	50 - 20k
MAX SPL (cont peak)	dB	114 117	120 125
Dispersion	H° x V°	90 conical	80 conical
Input connectors		XLR with loop	XLR with loop
Built-in amplifier MAX (LF/HF)	W RMS	100 50	200 100
Built-in amplifier MAX peak (LF/HF)	W	200 100	400 200
Input impedance	Ohm	22k	22k
AC power connector		IEC	IEC
AC power requirements	W	100	150
	mt	5	5
Power cord	ft	16.4	16.4
Material		Gas injected polypropylene	Gas injected polypropylene
Net dimensions (WxHxD)	mm	160 x 276 x 170	240 x 416 x 240
Net weight	kg	3.20	6.30





KEY FEATURES

- User-friendly and cost-effective installation
- 2-pin Euroblock input connector
- Bass-reflex enclosure design
- Low frequency extension with PROJECT 1020SA
- 70V/100V or 8Ω multitap line transformer
- Screwdriver-adjustable tap settings



Model		550	530	320	315
Code (Black White)		29225 32369	29223 32368	29221 32367	29350 32372
Configuration	Way	2	2	2	2
LF Transducer	inch	5	5	3.5	3.5
HF Transducer	inch	0.75	0.75	0.5	0.5
Recommended Amplifier	W	100	60	40	30
Rated Long Term Power (IEC)	W	50	30	20	15
Rated Short Term Power (IEC)	W	200	120	80	60
Rated Impedance	Ω	8	8	8	8
Transformer Taps	W	50 40 25 15	30 20 15 10	20 15 8 4	15 7.5 4 2
Frequency Response (@-10dB)	Hz	80 - 20.000	85 - 20.000	100 - 20.000	100 - 15.000
Sensitivity (@1W 1m)	dB	89	87.5	87	85
Max SPL (cont peak)	dB	109 112	106 109	103 106	100 103
Nominal Dispersion	H° x V°	100 x 100	100 x 100	120 x 120	120 x 120
Materials		ABS Metal	ABS Metal	ABS Metal	ABS Metal
Dimensions (WxHxD)	mm	168 x 240 x 180	168 x 240 x 180	143 x 204 x 162	143 x 204 x 162
Net Weight	Kg	2.8	2.3	1.6	1.4



PROJECT

powerful 10" active subwoofer

KEY FEATURES

- Warm bass reproduction
- XLR stereo outputs with low-cut frequency control
- Auto-standby switch mode
- Stereo XLR TRS balanced - stereo RCA unbalanced inputs
- Bass reflex enclosure
- Unobtrusive textured finish
- 100 V 240 V~ 50 60 Hz switchable power input
- Ideal match for PROJECT and CSL series



Subwoofer	PROJECT 1020SA	
Code (Black White)	44147	44222
Configuration	way	1
LF transducer	inch	10
HF transducer	inch	---
Built-in Amplifier	W	150
Rated Long Term Power (IEC)	W	---
Rated Short Term Power (IEC)	W	---
Input impedance	Ω	10 k Ω balanced / 20 k unbalanced
Transformer taps (@100V)	W	---
Frequency response (@-6dB)	Hz	40 - 150
Sensitivity (@1W 1m)	dB	---
Max SPL (cont peak)	dB	110
Nominal dispersion	H° x V°	360
Materials	MDF	
Dimensions (WxHxD)	mm	330 x 367 x 365
Net weight	Kg	16

model	660				640			
Code (Black White)	29229	32371	29227	32370	29227	32370		
Configuration	Way	2			2			
LF Transducer	inch	6.5			6.5			
HF Transducer	inch	1			1			
Recommended Amplifier	W	120			80			
Rated Long Term Power (IEC)	W	60			40			
Rated Short Term Power (IEC)	W	240			160			
Rated Impedance	Ω	8			8			
Transformer Taps	W	60 45 30 15			40 30 20 10			
Frequency Response (@-10dB)	Hz	70 - 20.000			70 - 20.000			
Sensitivity (@1W 1m)	dB	90			89			
Max SPL (cont peak)	dB	111 114			108 111			
Nominal Dispersion	H° x V°	90 x 90			90 x 90			
Materials		ABS Metal			ABS Metal			
Dimensions (WxHxD)	mm	218 x 312 x 219			218 x 312 x 219			
Net Weight	Kg	4.4			3.7			



CSL

In-ceiling solutions
for music or speech



CSL 106T

- Ultra-deep enclosure design
- Cost-effective solution for public spaces
- Lightweight cabinet
- Springlock mounting clamps



CSL 606TWP

- 2-way loudspeaker configuration
- Harmonious music reproduction
- Suitable for damp environments
- Screw fixing system

Code		29427	29428
Configuration	Way	1	2
Fullrange Transducer	inch	5	5
			1 LF Transducer HF Transducer
Recommended Amplifier	W	---	---
Rated Long Term Power (IEC)	W	---	---
Rated Short Term Power (IEC)	W	---	---
Rated Impedance	Ω	---	---
Transformer Taps	W @100V	6 3	20
Frequency Response (@-6dB)	Hz	100 - 15.000	95 - 20.000
Sensitivity (@1W 1m)	dB	93	90
Max SPL (cont peak)	dB	101 104	103 106
Nominal Dispersion	H° x V°	90 conical	90 conical
Materials		ABS Metal	ABS
Dimensions (WxHxD)	mm	Ø175 x 60	Ø167 x 115
Net Weight	Kg	0.5	0.7

4 W A V E

a wireless streaming preamplifier with network, LAN and Bluetooth 5.0 connectivity.



KEY FEATURES

- Managed through 4STREAM app
- Access to most leading streaming services, including internet radio
- WiFi and Ethernet network connectivity
- Built-in Bluetooth
- Linkable to other 4WAVE devices for source sharing
- Versatile in out connections including aux in out and USB
- IR remote control



Spotify connect



Multi-Room

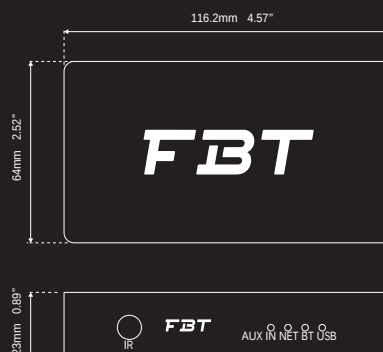


Wireless



AirPlay

DIMENSIONAL DRAWINGS



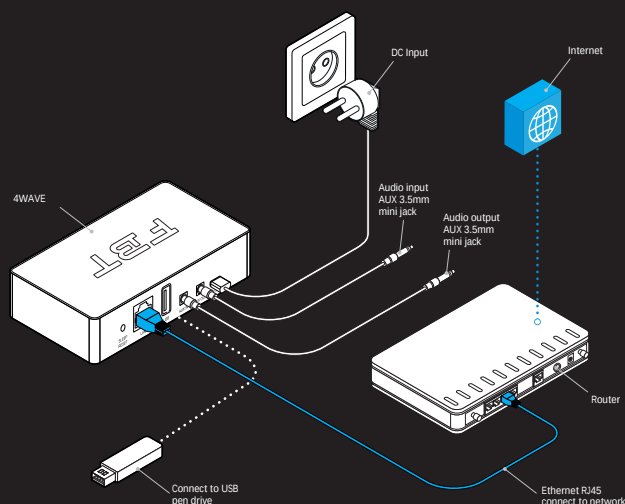
Connecting 4WAVE to an existing stereo system will enable music streaming from smart devices, USB, NAS or streaming services such as Spotify, Tidal and Qobuz in high resolution via the 4STREAM app, AirPlay, Bluetooth or other third-party-compatible apps.

4WAVE supports high-quality music streaming in sample rates up to 24bit 192kHz and supports lossless audio formats such as FLAC, APE and WAV.

By adding more units you can set up a wireless multiroom or multizone audio system for the whole house for a great new way to enjoy music.

CONFIGURATIONS

Code	47245
Connectivity	WAP - ETH - BT - USB
Audio Inputs	1 x aux
Audio Outputs	1 x aux
Frequency Response	Hz 20 - 20.000
S N Ratio	dB >91
THD + N	% <0.03
Controls	App Remote
Indicators	Led lights
Protocols	AirPlay. DLNA. UpnU. Spotify Connect. Uplay
Frequency Sampling	Up to 24bit 192 KHz
Audio Format	FLAC MP3 AAC AAC+ ALAC APE WAV
Power Supply	V 5VDC - 1A
Dimensions (WxHxD)	mm 116 x 22.6 x 64
Net Weight	Kg 0.2





iran amp گارانتی ایران امپ

زیرمجموعه هلدینگ شیدکو است و خدمات پس از فروش محصولات
هلدینگ شیدکو را بر عهده دارد.

آدرس: خیابان فردوسی ، خیابان نوفل لوشاتو ، خیابان بابی ساندز ،
پلاک ۵۲- طبقه ۱
کدپستی: ۱۱۳۱۶۹۶۴۳۶