

peecker sound®

SOUND REINFORCEMENT

UPTURNED T SERIES

UPTURNED T SERIES

FORTY SERIES

FORTY SERIES

AMPLIFICATORI PSDSP

PSDSP AMPLIFIERS

CONTROLLER PS266

PS266 CONTROLLER

AMPLIFICATORI PS

PS AMPLIFIERS

CONTROLLED RADIATION

DOUBLE ARRAY SERIES®

DOUBLE ARRAY SERIES®

BONE CONDUCTION SERIES®

BONE CONDUCTION SERIES®

AUTOMATIC MULTI-BAND CONTROLLER & LIMITER (AMCL2)

AUTOMATIC MULTI-BAND CONTROLLER & LIMITER (AMCL2)

CONTROLLERS DP60/120 E DP180

DP60/120 AND DP180 CONTROLLERS

ACOUSTIC RESEARCH

SORGENTE DI RUMORE OMNI-DIREZIONALE

OMNI-DIRECTIONAL NOISE SOURCE

I prodotti **Peecker Sound** sono garantiti contro malfunzionamenti dovuti a difetti di materiali o di costruzione per un determinato periodo di tempo, come indicato nel seguente prospetto, a partire dalla data d'acquisto iniziale. In caso di cattivo funzionamento durante il periodo di validità della garanzia, il prodotto verrà riparato o sostituito (a discrezione dell'azienda produttrice) gratuitamente. Le spese di trasporto e i rischi connessi a esso, smarrimenti relativi a spedizioni verso i centri di assistenza autorizzati, sono a carico del cliente. Il prodotto riparato in garanzia sarà restituito al cliente in *porto franco*.

Condizioni di garanzia

L'apparecchio è coperto da garanzia per il primo utente sulla base delle vigenti norme di legge.

La garanzia ha la durata di **5 anni** dalla data di ricevimento del prodotto e copre le parti del cabinet dei diffusori acustici per difetti di materiali di costruzione o meccanici riconosciuti tali da Peecker Sound.

Gli altoparlanti e i componenti sono garantiti da cattivo funzionamento dovuto a difetti di materiali o ad accertate cause di fabbrica per un periodo di **2 anni** dalla data di ricevimento della merce. La garanzia non copre "bobine bruciate" o danni risultanti da errati interventi sui diffusori acustici.

L'elettronica è garantita **2 anni** dalla data di ricevimento del prodotto.

Gli accessori sono garantiti da malfunzionamento per difetti di materiali o di costruzione per un periodo di **5 anni** dalla data di ricevimento della merce.

L'hardware (compreso quello interno alle casse acustiche e quello per sospendere i sistemi) è garantito da cattivo funzionamento per difetti di materiali o di costruzione per **5 anni** dalla data di ricevimento della merce.

Peecker Sound si riserva il diritto, in alcuni casi, di decidere la sostituzione del prodotto con altro uguale o simile. È escluso il prolungamento della garanzia in seguito a un guasto intervenuto. La garanzia non comporta alcun risarcimento per danni, diretti o indiretti, di qualsiasi natura verso persone o cose dovuti al periodo di eventuale inefficienza dell'apparecchio.

Esclusioni e restrizioni

La garanzia non copre: a) le rifiniture o superfici esterne, le parti estetiche e tutte le parti elettriche ed elettroniche danneggiate a causa di negligenza nell'uso del prodotto; b) malfunzionamento dovuto a cattivo o improprio uso del prodotto o a causa di trasporti effettuati senza le dovute cautele; c) malfunzionamento in seguito a riparazioni eseguite da personale o centri di assistenza non autorizzati; d) malfunzionamento per circostanze che non possono imputarsi a difetti di fabbrica dell'apparecchio; e) parti in vetro o in plastica, lampadine o similari, nonché tutto ciò che possa essere considerato normale deperimento d'uso. Per i componenti circuitali (transistor, diodi, etc.) valgono le condizioni generali stabilite dai produttori delle stesse. Sono inoltre esclusi da garanzia: f) danni causati da incidenti, modifica del prodotto, negligenza o errato collegamento; g) danni verificatisi durante il trasporto; h) danni dovuti a inosservanza delle istruzioni contenute nel manuale d'istruzioni; i) reclami fondati su dichiarazioni erronee da parte del venditore; l) qualsiasi prodotto il cui numero di serie sia stato cancellato, modificato o rimosso.

Come ottenere il servizio di garanzia

Per ottenere la riparazione o sostituzione del prodotto in garanzia, il cliente dovrà consegnare il prodotto nell'imballo originale a un centro di assistenza autorizzato Peecker Sound, provvisto della relativa prova d'acquisto: scontrino, ricevuta o fattura. È possibile ottenere il servizio di garanzia o l'elenco dei centri d'assistenza all'indirizzo:

Peecker Sound - "After Sales Service" -

via Monti Urali, 29 - 42122 Reggio Emilia - Italy

Tel: +39 0522 557735 - Fax: +39 0522 391268 - E-mail: support@peeckersound.com

La riparazione o sostituzione del prodotto e restituzione dello stesso al cliente sono gli unici servizi forniti al cliente. Peecker Sound non è ritenuta responsabile per danni accidentali o indiretti, inclusi, senza restrizione, danni a persone o cose o perdita d'utilizzo.

Costi a carico di Peecker Sound

Peecker Sound sosterrà tutti i costi di manodopera e materiali necessari per la riparazione in garanzia. Assicurarsi di aver conservato l'imballo originale; in caso contrario verrà addebitato il costo dello stesso, se necessario. Esibire la fattura originale per stabilire la data d'acquisto. Non inviare il prodotto allo stabilimento senza prima essere stati autorizzati. Se il trasporto del prodotto dovesse presentare difficoltà, informare il centro assistenza al riguardo: esso provvederà ad organizzare con tempestività lo stesso. In caso contrario, l'acquirente è ritenuto responsabile del trasporto del prodotto da riparare, dell'organizzazione dello stesso e del pagamento di qualsiasi costo di spedizione.

Limitazione delle garanzie implicite

Tutte le garanzie implicite, inclusa la garanzia di commerciabilità e idoneità per scopi particolari, sono limitate alla durata della presente garanzia. La responsabilità di Peecker Sound è limitata alla riparazione o sostituzione, a propria discrezione, di qualsiasi prodotto risultante difettoso e non è tenuta al risarcimento di danni accidentali o indiretti, qualunque essi siano. Per qualsiasi controversia è competente in linea esclusiva il foro giudiziario di Reggio Emilia (RE) - Italy. Si certifica la conformità degli apparecchi alle disposizioni previste dal D.M. del 9/10/1980 per quanto riguarda i radiodisturbi (direttiva CEE n. 76/889).



Peecker Sound products are guaranteed against malfunction due to defects in materials and/or workmanship for a specified period, as set in the following statement, starting from the date of original purchase. Should a malfunction occur during the warranty period, the product will be repaired or replaced (at manufacturer's discretion) free of charge. The transport charges and relevant risks, miscarriages during the transport to the service centres, are at customer's charge. The product repaired under warranty will be returned to the customer carriage paid (free port).

Warranty terms

The appliance is covered by this warranty as to the first consumer purchase, according to the laws in force.

The warranty is valid for **5 years** starting from the receipt of goods and it applies to speakers' cabinet parts for defects in materials or for mechanical faults really recognised by Peecker Sound.

Loudspeakers and components are guaranteed against malfunction due to defects in materials and/or verified workmanship for a period of 2 years from the date of the receipt of the product. The warranty does not apply to "burned voice coils" or damages caused by wrong interventions on loudspeakers.

The electronics is guaranteed 2 years from the date of the receipt of the product.

The accessories are guaranteed against malfunction due to defects in materials or workmanship for a period of 5 years from the date of the receipt of the goods.

Hardware (including speaker-mounted and flying system hardware) is guaranteed against malfunction due to defects in materials or workmanship for 5 years from the date of the receipt of the product.

Peecker Sound reserves the right, in some cases, to decide the replacement of a product with an identical or similar one. In case of failure, the product replacement and warranty extension are excluded. The guarantee does not pay for incidental or consequential damages, without limitation, caused to persons or property during the period of possible product inefficiency.

Exclusions and limitations

The warranty does not apply to: a) exterior finish and damages to electric/electronic parts resulting from negligent use of the product; b) malfunction due to misuse/abuse of the product or due to transports without care; c) repairing performed by unauthorized personnel; d) malfunction occurring after repairs made to the product by unauthorized service centres; e) product faults due to circumstances that can not be ascribed to manufacturing defects; f) plastic or glass parts, bulbs or similar articles, as well as everything subjected to normal wear and tear. As regards to circuit components (transistors, diodes, etc...) the general terms set by the manufacturers are applied.

In addition, the warranty does not cover: g) damages caused by accidents, product modification, negligence or wrong connection; h) damages occurred during the transport; i) damages resulting from failure to comply with the instructions included in the manual; j) claims based upon any misrepresentations by the seller; k) any product on which the serial number has been defaced, modified or removed.

Obtaining warranty service

To obtain the repair or replacement of the product under warranty, the customer must return the product packed in the original cardboard box to a Peecker Sound authorized centre, together with relevant proof of purchase: slip, bill of sale or invoice. The warranty service or a list of authorized service centres is available at the address below:

Peecker Sound - "After Sales Service" -

via Monti Urali, 29 - 42122 Reggio Emilia - Italy

Tel: +39 0522 557735 - Fax: +39 0522 391268 - E-mail: support@peeckersound.com

Product repair or replacement and return to the customer are the only remedies provided for the customer. Peecker Sound shall not be liable for incidental or consequential damages including, without limitation, injuries to persons or property or loss of use.

Costs at Peecker Sound charge

Peecker Sound will pay all labour and material expenses necessary for all repairs covered by the present warranty. Make sure to have saved the original packing, on the contrary the requested cardboard box will be charged to you. Produce the original invoice in order to establish the date of purchase. Do not return products to the factory without prior authorization. If the transport of the product presents any difficulty, you are kindly requested to inform the service centre on the matter and the personnel assigned will arrange it together with you. On the contrary, the customer is responsible for transporting the product to be repaired, for arranging its transport and for the payment of any shipping cost.

Limitation of implied warranties

All implied warranties, including guarantee of merchantability and suitability for particular purpose, are limited in duration to the length of the present warranty. Peecker Sound liability is limited to the repair or replacement, at its discretion, of any defective products and is not liable for any kind of incidental or consequential damages.

The place of jurisdiction, in case of controversy, will exclusively be the Court of Reggio Emilia (RE) - Italy.

It is certified that the appliance conforms to the provisions provided for by Ministerial Decree of 9/10/1980 on radio interferences (EEC directive No. 76/889).



APPLICATIONS

UPTURNED T

FORTY

Concert & Touring <i>Concert & Touring</i>	✓ ¹ (small)	
Eventi all'aperto, manifestazioni itineranti, etc... <i>Open air events, mobile festivals, etc.</i>	✓ ¹ (small)	✓ ³ (small-medium)
Sistemi portabile per band ed entertainers <i>Portable systems for musicians, bands and entertainers</i>	✓ ¹ (small-medium)	✓ ³ (medium)
Sale prove, demo room <i>Rehearsal studios and demo rooms</i>	✓ ¹	✓
Live club, music pub e altri locali con musica dal vivo <i>Live music clubs, music pubs and other venues with live music</i>	✓ ¹ (small-medium)	
Dance club, night club e altri locali da ballo <i>Dance clubs, night clubs and other dancing venues</i>	✓ ² (any size)	✓ (any size)
Wine/lounge bar e HO.RE.CA. (Hotel, Restaurant e Café) <i>Wine/lounge bar and HO.RE.CA. (Hotel, Restaurant and Cafés)</i>	✓ ²	✓
Beach club, stabilimenti balneari <i>Beach clubs and bathing establishments</i>		✓
Casinò, sale giochi e navi da crociera <i>Casinos, game rooms and cruise ships</i>	✓ ²	✓ ⁴
Parchi divertimenti e/o tematici, spettacoli circensi <i>Amusement parks, theme parks and circus shows</i>		✓
Cinema <i>Cinemas</i>	✓ (and home theater)	
Luoghi di culto <i>Places of worship</i>	✓ ¹	
Sale polivalenti, strutture sportive, ricreative e/o culturali <i>Multi-purpose halls, sports, recreational and/or cultural facilities</i>	✓	✓
Centri congressi e fieristici <i>Convention and trade show centres</i>	✓	✓ ⁴
Eventi aziendali <i>A/V corporate events</i>	✓ ¹	✓ ³
Installazioni multimediali, mostre e altre manifestazioni <i>Multimedia installations for festivals, exhibitions and other events</i>	✓	
Saloni di bellezza, fitness center <i>Beauty salons, fitness centres</i>	✓ ²	✓ ⁴
Altre installazioni fisse (negozi, centri commerciali, etc...) <i>Other fixed installations (shops, shopping malls, etc.)</i>	✓ ²	✓ ⁴
Misurazioni acustiche, controllo dell'emissioni sonore <i>Acoustic measurement and sound radiation control</i>		
Acustica architettonica ed edilizia <i>Architectural acoustics</i>		

¹ PSUT8TE, PSUT8AE + PSUTBASE/A

³ 4012MH/A, 4015MH/A, 4030MH/A + 40SW15/A, 40SW18/A

² PSUT1 + PSUTS

⁴ 4008, 4010MH

**PSDSP
AMPS**

**PS AMPS
+ PS266**

**DOUBLE
ARRAY**

JUMP UP

**OMNI
DIRECTIONAL**

✓				
✓ (any size)	✓ (any size)	✓ (any size)	✓ (any size)	
	✓	✓	✓	
✓	✓	✓	✓	
	✓	✓	✓	
✓	✓	✓	✓	
✓		✓ (roof SR)		
✓	✓			
	✓			
✓	✓			
✓	✓			
	✓			
	✓			
		✓		✓
				✓

UPTURNED T series



PSUT8TE

Hybrid-dispersion sound column Top Element

PSUT8AE

Wide-dispersion sound column Additional Element

MODEL	PSUT8TE	PSUT8AE
Power handling RMS	400 W	400 W
Frequency response (-6 dB)	140÷18k Hz	140÷18k Hz
Peak SPL (@1m / @16m)	129 dB / 107 dB	128 dB / 105 dB
Horizontal coverage angle (-6 dB)	140°	150°
Vertical coverage angle (-6 dB)	15°	15°
Nominal impedance	16 Ohm	16 Ohm
Transducers	8x4" full range - neodymium magnet	
Cabinet	birch plywood	birch plywood
Colour	black or white	black or white
Input connectors	direct connection to another UT element	
Dimensions (WxHxD)	15x23x98 cm	15x23x98 cm
Net weight	10 kg	10 kg

La serie **Upturned T** ("T rovesciata"), creata dal design team Peecker Sound, costituisce una soluzione audio innovativa e radicale rispetto al modo tradizionale di concepire la riproduzione sonora. La serie è costituita da 2 diffusori a colonna (**PSUT8TE** e **PSUT8AE**) provvisti di 8 altoparlanti *full range* da 4" ciascuno, dal subwoofer attivo **PSUTBASE/A**, base ideale per amplificare fino a 2 elementi a colonna grazie ai rapidi connettori a innesto diretto (*plug&play*), dal modulo singolo **PSUT1** e dal doppio subwoofer **PSUTS** ad esso associato – quest'ultimi due perfetti per *background music* o per *sound reinforcement* di piccoli ambienti.

*Created by the Peecker Sound design team, the **Upturned T** series is an innovative and radical audio solution compared to the traditional way of conceiving sound reproduction. The series consists of two column speakers (**PSUT8TE** and **PSUT8AE**), each equipped with eight 4" full-range loudspeakers, the **PSUTBASE/A** active subwoofer, the ideal base for amplifying up to two column elements thanks to the direct connectors (*plug&play*), the **PSUT1** single module and its companion dual subwoofer **PSUTS**, the last two being the perfect solution for background music or for sound reinforcement in smaller venues.*



PSUTBASE/A

Active subwoofer, base for PSUT8AE or PSUT8TE

Acoustical coupling	bass reflex
Amplifier power	800+800 W (@8 Ohm) - class D
Frequency response (-6 dB)	40÷160 Hz
Peak SPL (@1m)	132 dB
Transducers	LF 1x12"- neodymium magnet
Power supply	switching technology
AC voltage	115/230 VAC ±10%, 45-65 Hz
DSP on board	24 bit/96 kHz (4 sel. presets)
Cabinet	birch plywood
Colour	black or white
Input connectors	XLR - max +10 dBu
Dimensions (WxHxD)	52x35.5x50 cm
Net weight	23 kg

Il modello **PSUT1** è un micro-sistema audio modulare leggero e compatto, largo solo 13 cm e, di conseguenza, pensato per la diffusione sonora in pub, ristoranti, bar, negozi, musei, edifici pubblici e simili. Accoppiato con il subwoofer doppio **PSUTS** – equipaggiato con 2 altoparlanti da 6" in configurazione *bass reflex* – genera un suono morbido, esteso in frequenza e dotato di una buona *loudness*, indispensabile alle basse pressioni sonore richieste in questi ambienti.

*The **PSUT1** is a light-weight, compact and modular audio micro-system, only 13 cm wide, designed specifically for sound reinforcement in pubs, restaurants, bars, shops, museums, public buildings and the like. Coupled with the **PSUTS** dual subwoofer (equipped with two 6" loudspeakers in bass reflex configuration), it produces a soft sound with extended frequency and perfect loudness, indispensable for the low sound pressures required in these environments.*



PSUT1

Stackable micro loudspeaker system

Power handling RMS	50 W
Frequency response (-6 dB)	160÷18k Hz
Peak SPL (@1m)	114 dB
Coverage angle (-6 dB)	100° horizontal, 100° vertical
Nominal impedance	16 Ohm
Transducers	1x4" full range - neodymium magnet
Cabinet	birch plywood
Colour	black or white; any RAL on request
Input connectors	spring terminals
Dimensions (W×H×D)	13×13×16 cm
Net weight	1.5 kg



PSUTS

High efficiency ultra-compact suspendable dual subwoofer

Acoustical coupling	bass reflex
Power handling RMS	160 W
Frequency response (-6 dB)	50÷180 Hz
Peak SPL (@1m)	120 dB
Nominal impedance	8 Ohm
Transducers	LF 2x6"

Cabinet	birch plywood
Colour	black or white; any RAL on request
Input connectors	spring terminals
Dimensions (W×H×D)	23×38.5×30 cm
Net weight	9 kg

Installation modes



1 PSUT1 + 1 PSUTS



1 PSUT1 + 1 PSUTS



2 PSUT1 + 1 PSUTS

FORTY series

La **serie Forty** conta ben *sette* diversi modelli: *cinque* diffusori acustici *2-vie* e *due* subwoofer, sia passivi che attivi. I sistemi *2-vie* sono stati progettati per un *sound reinforcement* in grado di coprire aree d'ascolto di dimensioni medio-grandi in maniera omogenea e uniforme; con questi sistemi la voce risulta perfettamente intelligibile e non modulata da frequenze basse anche a distanza e su un angolo compreso entro i valori di dispersione.



4008

2-way loudspeaker system

4010MH

2-way loudspeaker system with Modelled Horn

MODEL	4008	4010MH
Power handling RMS	220 W	300 W
Frequency response (-6 dB)	70÷18k Hz	70÷20k Hz
Peak SPL (@1m)	124 dB	129 dB
Coverage angle (-6 dB)	50° horizontal, 50° vertical	90° horizontal, 40° vertical
Nominal impedance	8 Ohm	8 Ohm
Transducers	LF 1x8", HF 1x1"	LF 1x10"- neodymium magnet, HF 1x1"- mylar membrane
Crossover frequency	2.5 kHz	2 kHz
Cabinet	birch plywood	birch plywood
Colour	black	black
Input connectors	2xNL4 speakON	2xNL4 speakON
Dimensions (WxHxD)	24.5x40x29 cm	30.5x49x33 cm
Net weight	8.5 kg	13.5 kg

The **Forty series** comprises seven different models: five 2-way speakers and two subwoofers, both passive and active. The 2-way speakers have been designed for sound reinforcement to cover medium to large-size listening areas homogeneously and uniformly. With these systems, the voice is perfectly intelligible and is not modulated by low frequencies even at a distance and on an angle falling within the values of dispersion.



4012MH - 4012MH/A

2-way passive/active loudspeaker systems with Modelled Horn

MODEL	4012MH	4012MH/A
Power handling RMS	450 W	/
Amplifier power	/	500 W (@ 8 Ohm) - class D
Frequency response (-6 dB)	65÷20k Hz	65÷20k Hz
Peak SPL (@1m)	132 dB	130 dB
Coverage angle (-6 dB)	90° horizontal, 50° vertical	90° horizontal, 50° vertical
Nominal impedance	8 Ohm	/
Transducers	LF 1x12"- neodymium magnet, HF 1x1"- mylar membrane	
Crossover frequency	1.8 kHz	/
Power supply	/	switching technology
AC voltage	/	115/230 VAC ±10%
DSP on board	/	24 bit/96 kHz (2 sel. presets)
Cabinet	birch plywood	birch plywood
Colour	black	black
Input connectors	2xNL4 speakON	XLR - max +10 dBu
Dimensions (W×H×D)	35.5×57.5×40.5 cm	35.5×57.5×40.5 cm
Net weight	18 kg	19 kg



4015MH - 4015MH/A

2-way passive/active loudspeaker systems with Modelled Horn

MODEL	4015MH	4015MH/A
Power handling RMS	550 W	/
Amplifier power	/	500 W (@8 Ohm) - class D
Frequency response (-6 dB)	55±20k Hz	55±20k Hz
Peak SPL (@1m)	133 dB	131 dB
Coverage angle (-6 dB)	90° horizontal, 50° vertical	90° horizontal, 50° vertical
Nominal impedance	8 Ohm	/
Transducers	LF 1x15"- neodymium magnet, HF 1x1"- mylar membrane	
Crossover frequency	1.8 kHz	/
Power supply	/	switching technology
AC voltage	/	115/230 VAC ±10%
DSP on board	/	24 bit/96 kHz (2 sel. presets)
Cabinet	birch plywood	birch plywood
Colour	black	black
Input connectors	2xNL4 speakON	XLR - max +10 dBu
Dimensions (W×H×D)	43×67×48.5 cm	43×67×48.5 cm
Net weight	23.5 kg	24.5 kg



4030MH - 4030MH/A

2-way passive/active loudspeaker systems with Modelled Horn

MODEL	4030MH	4030MH/A
Power handling RMS	1080 W	/
Amplifier power	/	500 W (@8 Ohm) - class D
Frequency response (-6 dB)	50÷20k Hz	50÷20k Hz
Peak SPL (@1m)	137 dB	132 dB
Coverage angle (-6 dB)	90° horizontal, 50° vertical	90° horizontal, 50° vertical
Nominal impedance	8 Ohm	/
Transducers	LF 2x15"- neodymium magnet, HF 1x1"- titanium membrane	
Crossover frequency	1.8 kHz	/
Power supply	/	switching technology
AC voltage	/	115/230 VAC ±10%
DSP on board	/	24 bit/96 kHz (2 sel. presets)
Cabinet	birch plywood	birch plywood
Colour	black	black
Input connectors	2xNL4 speakON	XLR - max +10 dBu
Dimensions (W×H×D)	43x115x49 cm	43x115x49 cm
Net weight	39 kg	40 kg



40SW15 - 40SW15/A

Passive/active 15" subwoofers

MODEL	40SW15	40SW15/A
Acoustical coupling	band pass	band pass
Power handling RMS	550 W	/
Amplifier power	/	500 W (@ 8 Ohm) - class D
Frequency response (-6 dB)	45÷120 Hz	45÷120 Hz
Peak SPL (@1m)	133 dB	130 dB
Nominal impedance	8 Ohm	/
Transducers	LF 1x15"	LF 1x15"
Power supply	/	switching technology
AC voltage	/	115/230 VAC ±10%
DSP on board	/	24 bit/96 kHz (2 sel. presets)
Cabinet	birch plywood	birch plywood
Colour	black	black
Input connectors	2xNL4 speakON	XLR - max +10 dBu
Dimensions (W×H×D)	44×59.5×71 cm	44×59.5×71 cm
Net weight	32.5 kg	33.5 kg



40SW18 - 40SW18/A

Passive/active 18" subwoofers

MODEL	40SW18	40SW18/A
Acoustical coupling	band pass	band pass
Power handling RMS	600 W	/
Amplifier power	/	500 W (@ 8 Ohm) - class D
Frequency response (-6 dB)	40÷120 Hz	40÷120 Hz
Peak SPL (@1m)	134 dB	130 dB
Nominal impedance	8 Ohm	/
Transducers	LF 1x18"	LF 1x18"
Power supply	/	switching technology
AC voltage	/	115/230 VAC ±10%
DSP on board	/	24 bit/96 kHz (2 sel. presets)
Cabinet	birch plywood	birch plywood
Colour	black	black
Input connectors	2xNL4 speakON	XLR - max +10 dBu
Dimensions (W×H×D)	50×66.5×77 cm	50×66.5×77 cm
Net weight	39.5 kg	40.5 kg

PSDSP amplifiers

Gli amplificatori Peecker Sound **PSDSP**, disponibili a catalogo in *tre* modelli a seconda delle differenti potenze (**PSDSP2000**, **PSDSP2600** e **PSDSP3400**), sono stati concepiti per combinare aspetti prestazionali elevati con la più moderna tecnologia digitale di gestione del segnale audio. Tutti i modelli sono dotati di *Digital Signal Processor* (DSP) a 24 bit e gamma dinamica fino a 116 dB che permette il controllo remoto da PC di tutti i parametri acustici dei diffusori pilotati, come l'equalizzazione a tre bande con parametrici completi, la funzione limiter, il crossover, il controllo del *delay*, etc...

The Peecker Sound PSDSP amplifiers, available in three models differentiated according to power levels (PSDSP2000, PSDSP2600 and PSDSP3400), are conceived to merge both high performance with the latest digital technology in the audio signal management. All the models feature a 24-bit Digital Signal Processor (DSP) and dynamic range of up to 116 dB which enables remote control from PC of all the acoustic parameters of the powered speakers, including fully parametric three-band equalization, limiter function, crossover, delay control and so on.



PSDSP2000

Stereo power amplifier with DSP

Output Power into 4 Ohm	2x1000 W
Output Power into 8 Ohm	2x650 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ +6 dB
Output circuitry	class AB
DSP on board	24 bit/48 kHz (20 sel. presets)
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	32 kg

PSDSP2600

Stereo power amplifier with DSP

Output Power into 4 Ohm	2x1300 W
Output Power into 8 Ohm	2x850 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ +6 dB
Output circuitry	class AB
DSP on board	24 bit/48 kHz (20 sel. presets)
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	32 kg

PSDSP3400

Stereo power amplifier with DSP

Output Power into 4 Ohm	2x1700 W
Output Power into 8 Ohm	2x1000 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ +6 dB
Output circuitry	class AB
DSP on board	24 bit/48 kHz (20 sel. presets)
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	33 kg

PS266 digital processor

Le caratteristiche principali dello *Speaker Management Processor PS266* sono:

- equalizzatore fino a 12 bande parametrico o *shelving* su ogni ingresso e uscita;
- 60 memorie utente programmabili;
- filtri crossover tipo *Bessel*, *Butterworth* o *Linkwitz-Riley* con frequenza regolabile (15 Hz ÷ 16 kHz);
- *delay* fino a 630 ms di ritardo di segnale (con passi di 21 µs) su ingressi e uscite;
- *limiter* con soglia regolabile e tempi di attacco e rilascio automatici;
- pannello frontale con comandi per *muting* dei canali, indicatori a LED del livello di segnale, display LCD e controlli per navigazione menu;
- modalità *security lock out* (con *password* di sicurezza) anti manipolazioni;
- programmabile da pannello frontale o da PC tramite *GUI* di semplice utilizzo.

The key features of *PS266 Digital Speaker Management System* are:

- *parametric equalizer with up to 12 bands or shelving EQ on each input and output*;
- *60 programmable user memories*;
- *Bessel, Butterworth or Linkwitz-Riley type crossover filters with adjustable frequency (15 Hz - 16 kHz)*;
- *signal delay up to 630 ms (with 21 µs steps) on inputs and outputs*;
- *limiter with adjustable threshold and automatic attack and release times*;
- *front panel with controls for channel muting, LED indication for signal level, LCD display and controls for menu navigation*;
- *anti-tampering security lockout mode (with security password)*;
- *programmable from front panel or from PC via easy-to-use Graphical User Interface (GUI)*.



PS266

Digital speaker management system

Input channels	2
Output channels	6
Frequency response	15÷20k Hz (±0.25 dB)
PEQ bands	max 12 for each input/output channel
PEQ width	from 0.05 to 3 octaves (0.05 step)
PEQ gain	from -15 to 15 dB
HPF and LPF shapes	Bessel from 12 to 24 dB/oct, Butterworth from 6 to 48 dB/oct, Linkwitz-Riley from 12 to 48 dB/oct
Delay	max 630 ms (21 µs step)
PC remote control	Digital Speaker software
Power requirements	90-250 VAC, 50-60 Hz
Dimensions (W×H×D)	483 (19")×44 (1RU)×225 mm
Net weight	3 kg

PS amplifiers

Tutti gli amplificatori della **serie PS** sono caratterizzati da una particolare configurazione elettronica che, a parità di potenza in uscita, determina una minore dissipazione con conseguente minor consumo rispetto ad altri prodotti del medesimo segmento. Dispongono inoltre di un limitatore interno, disinserbibile a mezzo di un *Jumper* dedicato, e di protezioni contro i cortocircuiti, sovraccarichi e temperature eccessive. Infine, tutti gli amplificatori PS series includono un circuito *anti-bump* e *DC-fault* sull'uscita per salvaguardare i diffusori collegati da eventuali danneggiamenti.

*All the amplifiers of the **PS series** are characterized by a special electronic configuration which, at the same output power, is subject to less dissipation, with consequent lower consumption compared to other products of the same market segment. The devices also feature an internal limiter that can be disenabled by means of a dedicated jumper, as well as protection against short circuits, overloads or excessively high temperatures. In addition, all the PS amplifiers include anti-bump circuitry and DC fault protection on the output to prevent damage to the connected speakers.*



PS266 + PS AMPS

PS1000

Stereo power amplifier

Output Power into 4 Ohm	2x450 W
Output Power into 8 Ohm	2x280 W
Bridged Output Power into 8 Ohm	1x880 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ 0 dB
Output circuitry	class AB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x88 (2RU)x388 mm
Net weight	14 kg

PS1400

Stereo power amplifier

Output Power into 4 Ohm	2x700 W
Output Power into 8 Ohm	2x450 W
Bridged Output Power into 8 Ohm	1x1300 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ 0 dB
Output circuitry	class AB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	22 kg

PS2000

Stereo power amplifier

Output Power into 4 Ohm	2x1000 W
Output Power into 8 Ohm	2x650 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ 0 dB
Output circuitry	class AB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	32 kg

PS2600

Stereo power amplifier

Output Power into 4 Ohm	2x1300 W
Output Power into 8 Ohm	2x850 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@ 1kHz)
Input gain controls	-∞ ÷ 0 dB
Output circuitry	class AB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	32 kg

PS3400

Stereo power amplifier

Output Power into 4 Ohm	2x1700 W
Output Power into 8 Ohm	2x1000 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ 0 dB
Output circuitry	class AB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	33 kg

PS650-F

Four-channel stereo power amplifier

4 CHANNELS

Output Power into 4 Ohm	4x650 W
Output Power into 8 Ohm	4x300 W
Bridged Output Power into 8 Ohm	2x1200 W
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ 0 dB
Output circuitry	class AB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	30 kg

DOUBLE ARRAY series®

Sistemi stereo a radiazione controllata: adottano la brevettata configurazione a *double array* e consentono meglio di qualsiasi altro diffusore tradizionale di concentrare l'emissione sonora in un'area ben definita. La **serie Double Array** è caratterizzata da un esclusivo sistema di posizionamento degli altoparlanti – su una *doppia linea* – e consente di ottenere un fascio sonoro estremamente concentrato lungo l'asse perpendicolare al piano su cui sono disposti gli stessi.

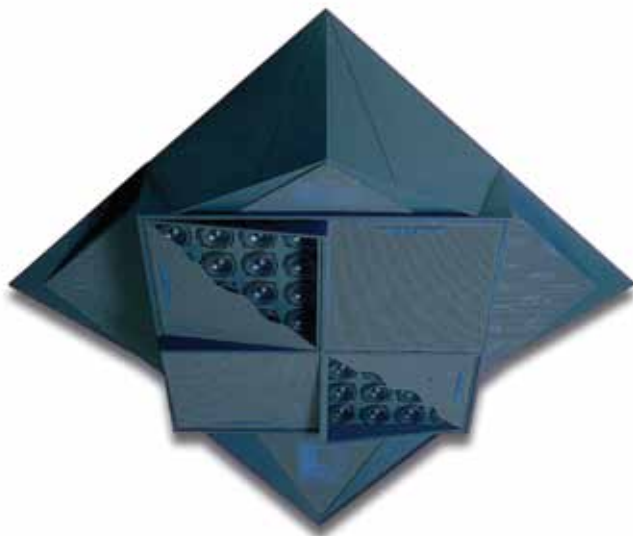


AS6

Controlled radiation system with Double Array (bi-dimensional loudspeaker distribution)

Power handling RMS	450 W
Frequency response (-6 dB)	65÷19k Hz
Peak SPL (@1m)	127 dB
Coverage angle (-6 dB)	90° horizontal, 75° vertical
Nominal impedance	6 Ohm
Transducers	LF 6x5", HF 1x1"- titanium membrane
Crossover frequency	1.8 kHz
Cabinet	birch plywood
Colour	black
Input connectors	2xNL4 speakON
Dimensions (W×H×D)	34.5×77×32.5 cm
Net weight	22 kg

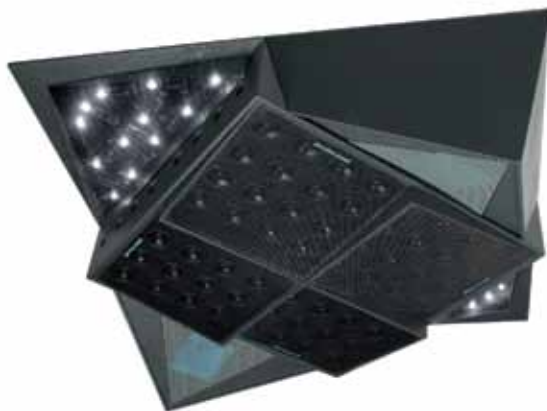
These controlled radiation stereo systems feature the patented double array configuration and – better than any other conventional speaker – allow the user to concentrate sound emission in a well-defined area. The **Double Array Series** is characterized by an exclusive system of loudspeaker positioning – on a double line – and makes it possible to obtain an extremely concentrated sound beam along the axis perpendicular to the plane on which the loudspeakers are situated.



AS60

Controlled radiation stereo system with Double Array (bi-dimensional loudspeaker distribution)

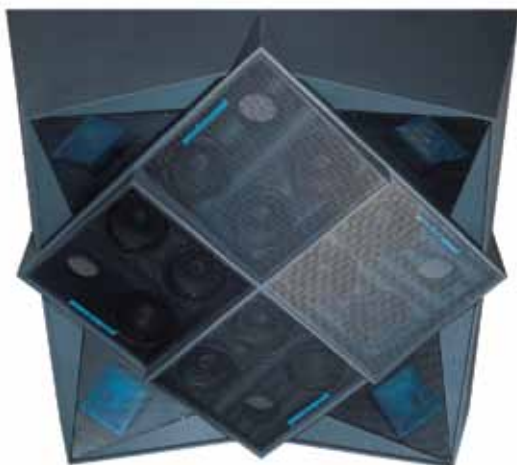
Power handling RMS	1300+1300 W
Frequency response (-6 dB)	65÷19k Hz
Peak SPL (@1m)	134 dB
Nominal impedance (LF/HF)	8+8 Ohm / 8+8 Ohm
Nominal impedance (with DP60/120)	8+8 Ohm
Transducers	LF 36x5", HF 2x1" - titanium membrane
Crossover freq. (with DP60/120)	1.8 kHz
Covered area (@ height = 3.5 m)	35 m²
High-attenuation distance (-20 dB)	7 m
Patent Number	01280080
Cabinet	birch plywood
Colour	black
Input connectors	2xNL4 speakON
Dimensions (WxHxD)	139x139x47.5 cm
Net weight	182 kg



AS120

Controlled radiation stereo system with Double Array (bi-dimensional loudspeaker distribution)

Power handling RMS	2285+2285 W
Frequency response (-6 dB)	60÷19k Hz
Peak SPL (@1m)	138 dB
Nominal impedance (LF/HF)	8+8 Ohm / 8+8 Ohm
Nominal impedance (with DP60/120)	8+8 Ohm
Transducers	LF 64x5" HF 2x1" - titanium membrane
Crossover freq. (with DP60/120)	1.8 kHz
Covered area (@ height = 3.5 m)	55 m²
High-attenuation distance (-20 dB)	9 m
Patent Number	01280080
Cabinet	birch plywood
Colour	black
Input connectors	2xNL4 speakON
Dimensions (WxHxD)	181.5x181.5x51.5 cm
Net weight	214 kg



AS180

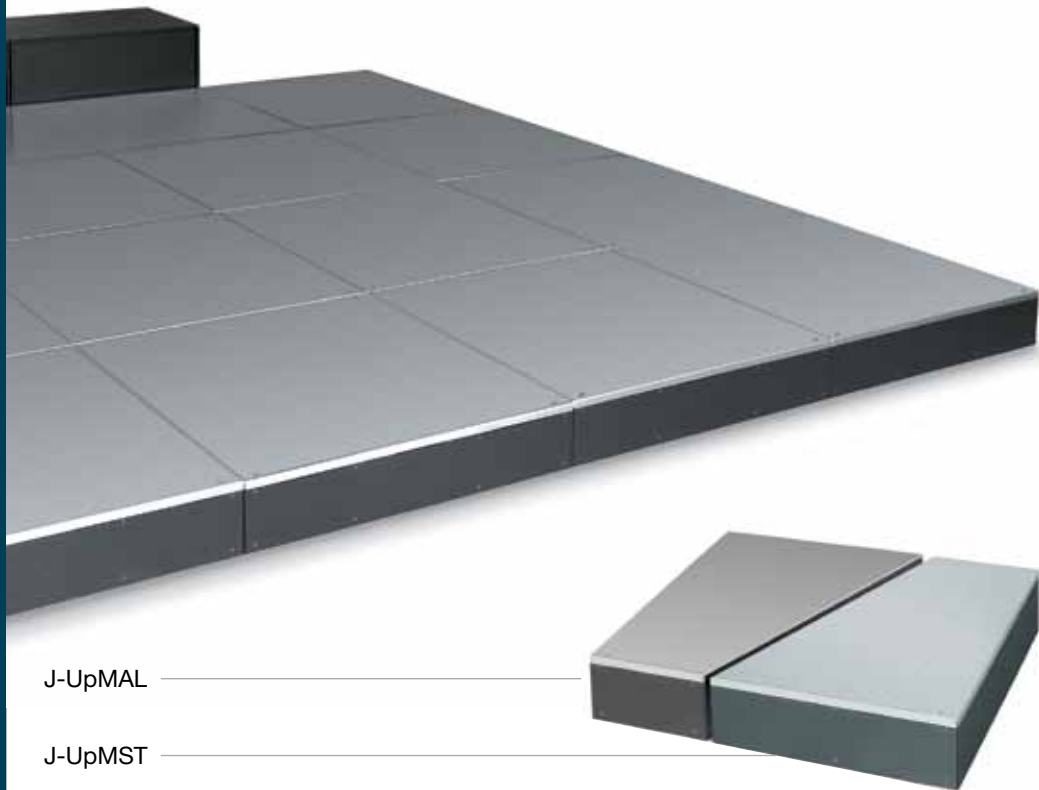
Controlled radiation stereo system with Double Array (bi-dimensional loudspeaker distribution)

Power handling RMS	1600+1600 W
Frequency response (-6 dB)	50÷19k Hz
Peak SPL (@1m)	140 dB
Nominal impedance (LF/HF)	4+4 Ohm / 16+16 Ohm
Nominal impedance (with DP180)	4+4 Ohm
Transducers	LF 12x10" - neodymium magnet, HF 4x1" - titanium membrane
Crossover freq. (with DP180)	1.8 kHz
Covered area @ height = 3.5 m	110 m²
High-attenuation distance (-20 dB)	13 m
Patent Number	01280080
Cabinet	birch plywood
Colour	black
Input connectors	2xNL4 speakON
Dimensions (WxHxD)	181.5x181.5x58.5 cm
Net weight	194 kg

BONE CONDUCTION series®

La pista vibrante **Jump Up** è stata progettata per provocare sensazioni acustiche trasmesse dalla base ritmica del segnale musicale, senza la propagazione di un'onda sonora udibile: con soli 95 dB nelle orecchie e Jump Up sotto i piedi, il corpo ne sente almeno 120!

*The **Jump Up** vibrating dance floor is designed to produce acoustic sensations transmitted by the rhythmic base of the musical signal without propagating an audible sound wave - with only 95 dB in your ears and Jump Up under your feet, your body perceives at least 120 dB!*



J-UpMAL

J-UpMST

J-UpMAL and J-UpMST

Vibrating dance floor modules

Trample surface (J-UpMAL)	aluminium
Trample surface (J-UpMST)	steel
Transducers	electro-mechanical air compression
Patent Number	01296753
Cabinet	stainless steel
Dimensions (W×H×D)	100×19×100 cm
Net weight (J-UpMAL)	10 kg
Net weight (J-UpMST)	11 kg

J-UpPM

Band pass electrodynamic compressor

Power handling RMS	1200 W
No. of floor modules controlled (J-UpMAL or J-UpMST)	6 ÷ 9
Frequency response (-6 dB)	20÷100 Hz
Peak SPL (@1m)	139 dB
Nominal impedance	8 Ohm
Transducers	LF 1x18"- neodymium magnet
Patent Number	01296753

Cabinet	birch plywood
Colour	black
Input connectors	2xNL4 speakON
Dimensions (WxHxD)	100x50x60 cm
Net weight	49.5 kg



J-UpDPS

Electronic control management system with DSP

Output Power into 4 Ohm	2x1700 W
Output Power into 8 Ohm	2x1000 W
No. of compressors controlled (J-UpPM)	1 ÷ 4
Frequency response	20÷20k Hz (± 0.5 dB)
THD+N	< 0.1% (@1 kHz)
Input gain controls	-∞ ÷ +6 dB
Output circuitry	class AB
DSP on board	24 bit/48 kHz (20 sel. presets)
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (WxHxD)	483 (19")x132 (3RU)x488 mm
Net weight	33 kg

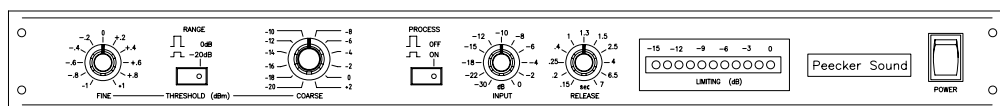
CONTROLLERS

L'**AMCL2** è un dispositivo multi-banda espressamente studiato per il controllo del livello di pressione sonora nell'ambiente. L'*Automatic Multiband Controller & Limiter* è stato progettato come apparecchiatura a guadagno unitario; il numero ridotto di comandi sul pannello frontale ne facilita l'installazione e la messa a punto.

Le unità **DP60/120** e **DP180** eseguono in *real time* le seguenti operazioni: ricezione del segnale musicale, scomposizione in varie frequenze, confronto del livello con le curve di sensibilità dell'orecchio e generazione di una curva di compensazione.

The AMCL2 is a multi-band device expressly designed to control the sound pressure level in the space. The Automatic Multiband Controller & Limiter has been designed as equipment with unitary gain; the reduced number of controls on the front panel facilitates installation and setup.

The DP60/120 and DP180 units perform the following operations in real time: receiving the musical signal, breaking it up into the various frequencies, comparing the level with the curve of sensitivity of the ear and generating a compensation curve.



AMCL2

Automatic Multiband Controller & Limiter

Input channels	2
Output channels	2
Nominal input level	0 dBu
Frequency response	16÷100k Hz (-3 dB)
Release time	from 150 ms to 7 s
Limiter threshold range	from -41 dBu to +3 dBu
Crosstalk	- 86 dB (@10 kHz)
SNR	> 90 dB
CMRR	> 66 dB
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (W×H×D)	483 (19")×44 (1RU)×285 mm
Net weight	4.5 kg



DP60/120

Stereo Dynamic Processor and crossover, specific for AS60 and AS120 speakers

Input channels	2
Output channels	2
Nominal input level	0 dBu
Frequency response	20÷20k Hz (±0.5 dB)
SNR	> 94 dB
Crossover frequency	1.8 kHz
Power requirements	230 VAC ±10%, 50-60 Hz
Dimensions (W×H×D)	483 (19")×88 (2RU)×380 mm
Net weight	9 kg



DP180

Stereo Dynamic Processor and crossover, specific for AS180 speaker

Input channels	2
Output channels	2
Nominal input level	0 dBu
Frequency response	20÷20k Hz (±0.5 dB)
SNR	> 94 dB
Crossover frequency	1.8 kHz
Power requirements	230 VAC ± 10%, 50-60 Hz
Dimensions (W×H×D)	483 (19")×88 (2RU)×380 mm
Net weight	9 kg

OMNI-DIRECTIONAL NOISE SOURCE

La sorgente dodecaedrica Peecker Sound mod. **JA12** è stata progettata per avere un'emissione omnidirezionale e come tale è conforme alle norme UNI EN ISO 140-3:2006 e UNI EN ISO 3382:2001. La sua applicazione tipica è la misurazione di parametri per l'acustica architettonica: isolamento acustico, assorbimento acustico, misurazione del tempo di riverberazione, delle risposte all'impulso e dei parametri acustici delle sale di pubblico spettacolo.

*The Peecker Sound **JA12** dodecahedron sound source is designed to have omni-directional emission and therefore complies with the UNI EN ISO 140-3:2006 and UNI EN ISO 3382:2001 standards. Its typical application is in measuring parameters for architectural acoustics: soundproofing, acoustic absorption, measurement of reverberation time, of the pulse response and of the acoustic parameters of performance venues.*



JA12

Omni-directional noise source

Power handling RMS	180+180 W
Frequency response (-6 dB)	90÷19k Hz
Maximum Acoustic Power RMS	122 dB (@ 10⁻¹² W)
Nominal impedance	6+6 Ohm
Transducers	12x5" full range
Regulations conformity	UNI EN ISO 140-3:2006, UNI EN ISO 3382:2001
Cabinet	birch plywood
Colour	black
Input connectors	1xNL4 speakON
Dimensions (W×H×D)	38×38.5×38 cm
Net weight	9 kg



JA1060

Class D power amplifier with white/pink noise generator

Power Output	1060 W (@12 Ohm)
Noise digital waveform generator	white/pink
Frequency response	20÷20k Hz (±0.5 dB)
Amplifier input sensitivity	0 dBu
THD+N	< 0.1% (@1 kHz)
Amplifier input connector	Neutrik Combo
Amplifier output connector	Neutrik NL4 speakON
Generator output connector	Neutrik XLR
Power requirements	230 VAC ±10%, 50-60 Hz (24V-17A optional)
Dimensions (W×H×D)	58×55×53 cm (flight case with JA1060 inside)
Net weight	34 kg (flight case with JA1060 inside)



JAGR01

Portable white/pink noise generator

Noise waveform generator	white/pink
Frequency response	40÷22k Hz (-3 dB)
Output level	-∞ ÷ 0 dB
Output impedance	50 Ohm, electronically unbalanced
Output connector	Neutrik XLR
Power requirements	12 VDC
Dimensions (W×H×D)	182×40×110 mm
Net weight	850 g

Peecker Sound's latest achievements



From top-left: Beirut, *White Beirut* - *Upturned T* campaign shooting - Reggio Emilia, *Sali&Tabacchi* - Marina di Loano, *Beach club* - Madrid, *Santiago Bernabeu* - *Philip Morris* tour - Sanxenxo, *Carneval* - Kirov, *Sport venue*.

Data di acquisto / *Date of purchase*

Marca di fabbricazione / *Trade-mark*

Modello / *Model*

N° di matricola / *Serial Number*

Nome e Cognome / *Name and Surname*

Indirizzo / *Address*

CAP / *Post Code*

Città / *City*

Provincia / *Province*

Stato / *Country*

Firma del produttore / *Manufacturer's signature*

Timbro e firma del rivenditore / *Dealer's stamp and signature*

Da allegare all'apparecchio per l'eventuale assistenza tecnica / *Enclose to the unit for any technical assistance that might happen*

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