

2-way active system

MT180A



MT180A

120 W

built-in processor

controlled power amplifier:

120 W continuous

200 W peak

Available also as
passive version

MT180P

120 W / 8 Ω

MT180A is an active, 2-way, processor controlled loudspeaker system. Compact and smart looking, it's been designed to provide really remarkable sonic performance in the most diverse applications.

Be it your personal monitor, a small PA for music reinforcement, a conference loudspeaker, to name just a

few examples, MT180A is the jack-of-all-trades for musicians, rental companies and installation firms looking for relevant SPL and broad frequency response in a versatile and space-saving loudspeaker system.

Montarbo



monitor & PA

ENGLISH

- 1 - High Density Polyethylene.
- 2 - Steel protection grid.
- 3 - 1" horn loaded HF driver*
- 4 - 8" high efficiency mid-woofer*
* both transducers are custom designed on our specifications.
- 5 - Low turbulence tuning ports.
- 6 - Recessed handle for transport.
- 7 - Speaker stand adaptor
- 8 - 3-input Mic/Line level mixer fitted with:
8a Mic-level balanced input (combined XLR and 1/4" jack Neutrik Combo® receptacle) with volume control.
8b Two mixable line-level unbalanced inputs with volume control.
8c Peak LED indicator.
8d EQ filter - improves the projection of sound. To get far listeners much closer to your show.
8e Line-level output to feed maybe a twin MT180A (or your personal DAT recorder, a camcorder, a mixing console...).
- 9 - Dedicated, class AB, MosFet amplifier, controlled by an active processor designed to optimize the linearity of the frequency response as well as the working performance of the system. Output power: 120 Watts continuous, 200 Watts peak.
- 10 - The shape of the cabinet allows for both vertical (for standard P.A.) and horizontal (for stage monitoring) installation.
- 11 - **MT180P (passive). Rear panel:** 2 Jacks + 1 Neutrik Speakon® connector, wired in parallel.

ITALIANO

- 1 - Cassa in polietilene ad alta densità.
- 2 - Griglia di protezione in acciaio.
- 3 - Driver da 1" caricato a tromba*
- 4 - Mid-woofer da 8" ad alta efficienza*
* entrambi i componenti sono costruiti su specifiche Montarbo.
- 5 - Condotti di accordo a bassa turbolenza.
- 6 - Maniglia incassata per il trasporto.
- 7 - Adattatore per supporto cassa.
- 8 - Mixer a 3 ingressi:
8a Ingresso microfonico bilanciato dotato di presa Neutrik Combo® che consente di collegare sia connettori Jack che XLR, con controllo di volume.
8b Due ingressi linea sbilanciati (Jack) miscelabili con controllo di volume.
8c Indicatore LED di picco.
8d Filtro EQ che aumenta la portata utile del sistema (per raggiungere anche gli spettatori più lontani).
8e Una uscita linea che permette di inviare il segnale ad un altro MT180A (o un registratore, o un mixer, o una telecamera, o...).
- 9 - Amplificatore a MosFet (in classe AB) con un processore attivo dedicato che ottimizza la linearità della risposta in frequenza ed il rendimento del sistema. Potenza di uscita: 120 W continui, 200 W di picco.
- 10 - La forma del cabinet ne permette l'installazione verticale o orizzontale come monitor.
- 11 - **MT180P (passiva). Pannello posteriore:** 2 jack + 1 connettore Neutrik Speakon® in parallelo.

ESPAÑOL

- 1 - Caja en polietileno de alta densidad.
- 2 - Rejilla en acero.
- 3 - Driver dinámico de 1" con bocina exponencial*
- 4 - Mid-woofer de 8" de alta eficiencia*
* componentes contruidos bajo especificaciones Montarbo.
- 5 - Tubos de compensación.
- 6 - Manija para el transporte.
- 7 - Adaptador para soporte caja.
- 8 - Mezclador de 3 entradas. Es dotado de:
8a Entrada balanceada para micrófono con toma Neutrik Combo® que permite la utilización sea de conectores XLR como Jack, con control de nivel.
8b Entradas de línea desbalanceadas (Jack) independientes, mezclables con control de nivel.
8c Indicador LED de pico.
8d Filtro EQ: tiene una curva estudiada para aumentar la proyección del sonido.
8e Una salida mezclada de nivel línea. Para conectar otros sistemas MT180A o para enviar la señal a un grabador, o un mezclador, o una telecámara.
- 9 - Amplificador MosFet (clase AB) controlado por un procesador dedicado que optimiza la dinámica y la respuesta en frecuencia y garantiza las máximas prestaciones. Potencia de salida: 120 W continuos, 200 W de pico.
- 10 - La forma de la caja permite la instalación vertical (incluso sobre un asta) u horizontal como monitor de palco.
- 11 - **MT180P (pasiva). Panel de conexiones:** 2 tomas Jack + 1 conector Neutrik Speakon® en paralelo.

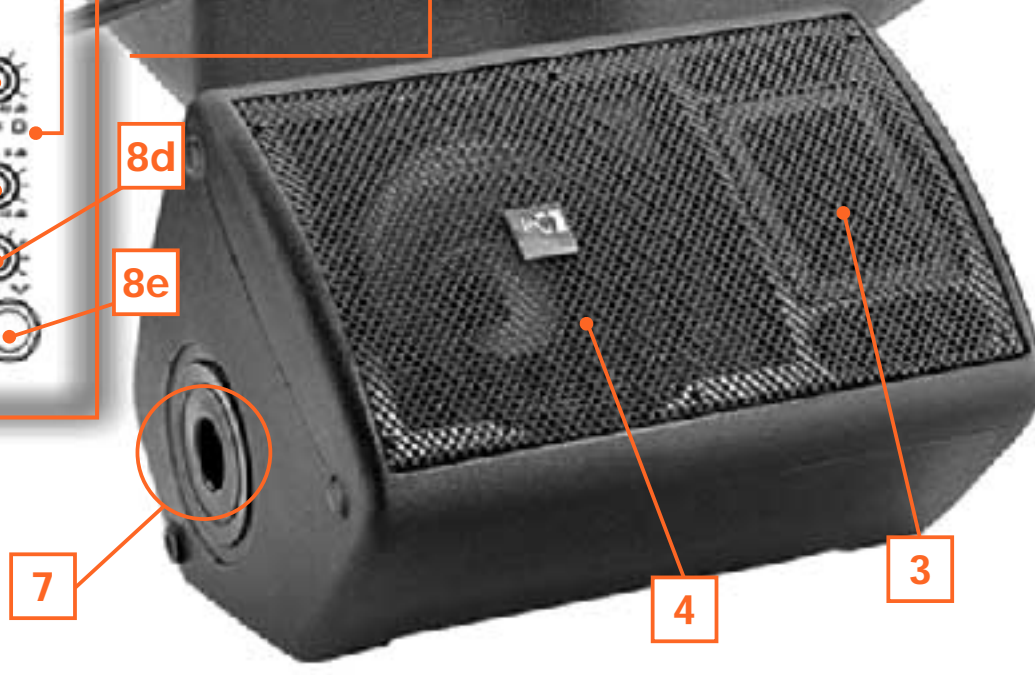
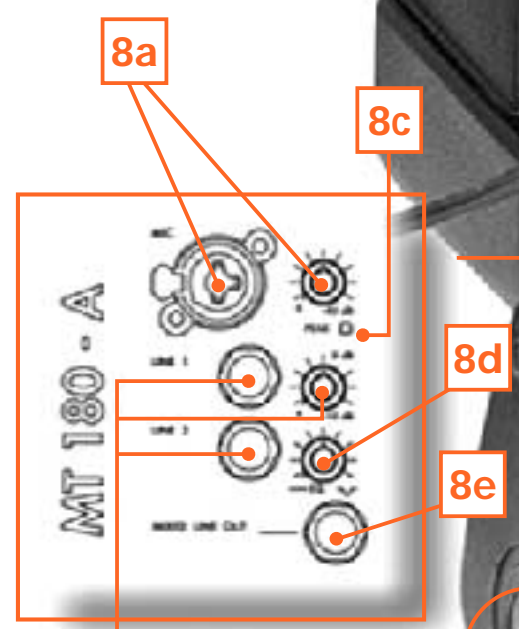
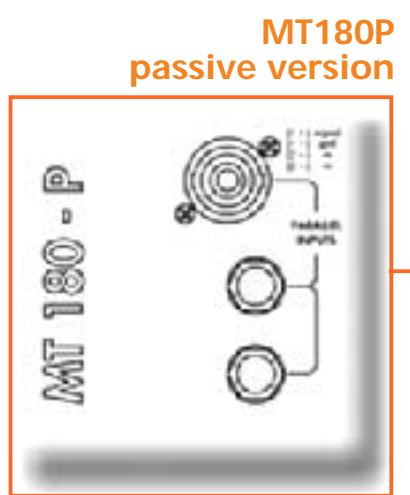
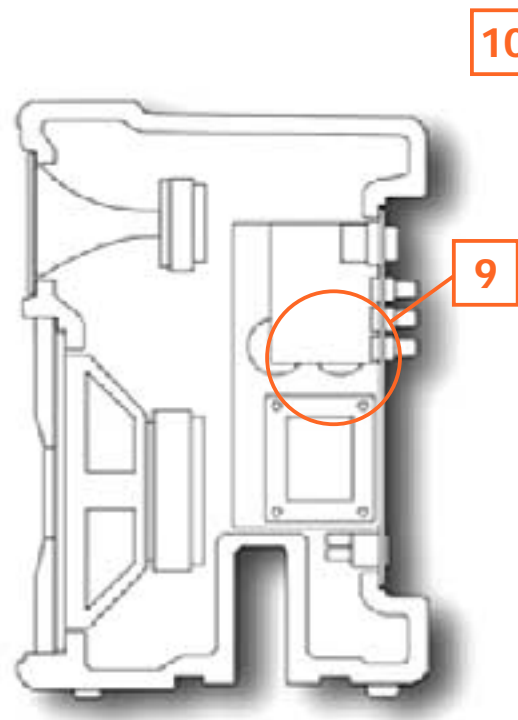
DEUTSCH

- 1 - Box aus hochverdichtetes Polyäthylen.
- 2 - Schutzgitter aus Stahl.
- 3 - 1" Horn geladenes HF-Driver*
- 4 - 8" -Mid-Woofer*
* Spezialanfertigte Komponenten.
- 5 - Reflexöffnungen.
- 6 - Versenkter Tragegriff.
- 7 - Adapter für Stativ.
- 8 - 3-Eingang-Mischer. Er verfügt über:
8a Symmetrischer Mikrophon-Eingang mit Lautstärkereglern. Er ist mit einer Neutrik Combo®-Buchse ausgerüstet, an die sowohl XLR als auch Klinkenstecker angeschlossen werden können.
8b Zwei unsymmetrische Line-Eingänge (Klinkenbuchsen), mit Lautstärkereglern.
8c Peak-LED-Anzeige.
8d EQ-Filter mit eingemessener Frequenzkurve. Verbessert die Klangprojektion.
8e Line-Level Ausgang. Steuert einen weiteren MT180A an (oder ein Aufnahmegerät, einen Mischpult, eine Fernsehkamera oder...).
- 9 - Eingebaute Mosfet-Endstufe (Klasse AB) mit einem Spezialprozessor, der die Linearität des Frequenzganges und die Leistung des Systems optimiert. Ausgangsleistung: 120 W Dauerleistung, 200 W Spitzeleistung.
- 10 - Die Form des Gehäuses ermöglicht eine vertikale Installation (auch auf Stativ) bzw. eine horizontale Installation als Bühnenmonitor.
- 11 - **MT180P (passiv). Anschlußfeld:** 2 Klinkenbuchsen + 1 Neutrik Speakon®, (parallel).

FRANCAIS

- 1 - Baffle en polyéthylène haute densité.
- 2 - Grille de protection en acier.
- 3 - Diaphragme pilote d'1" à pavillon*
- 4 - Mid-woofer de 8" à haute efficacité*
* composants construits aux normes Montarbo.
- 5 - Event d'accord à faible turbulence.
- 6 - Poigné de transport.
- 7 - Adaptateur pour stand.
- 8 - Mixeur à 3 entrées:
8a Entrée micro symétrique avec prise Neutrik Combo® utilisable soit en XLR soit en jack avec contrôle de volume.
8b 2 entrées ligne indépendants, mixables (prises Jack) avec contrôle de volume.
8c Indicateur LED de crête.
8d Filtre EQ. Augmente la puissance utile du système.
8e Sortie mixée ligne pour envoyer le signal vers un autre MT180A ou un magnétophone ou un mixeur ou une caméra, etc...
- 9 - Amplificateur de puissance à MosFet (classe AB) contrôlé par un processeur spécialisé qui optimise la linéarité de la courbe de réponse et le rendement du système. Puissance de sortie: 120 W continu, 200 W de crête.
- 10 - La ligne du baffle permet l'installation en vertical (même sur stand) ou en horizontal comme moniteur sur scène.
- 11 - **MT180P (passif). Panneau connexions:** 2 prises Jack + 1 connecteur Neutrik Speakon® en parallèle.





MT180A
active version

MT180A / MT180P

MT180A & SUB...

Nelle situazioni di utilizzo che richiedono un rinforzo della gamma grave MT180A trova il complemento ideale nei subwoofer autoamplificati Montarbo 112SA e SW540, con crossover elettronico stereo incorporato.

Bei Anwendungen die eine Verstärkung des Tiefenbereichs fordern, ist die Kombination mit den Aktiv-Subwoofern 112SA und SW540 (je mit eingebauter Stereo Frequenzweiche) ideal.

Dans les situations d'utilisation qui nécessitent un renforcement de la gamme des graves, le complément idéal sont les subwoofers actifs Montarbo 112SA et SW540 (les trois avec crossover électronique stéréo incorporé).

En las aplicaciones que necesitan un refuerzo de la gama grave la combinación óptimal del MT180A es con los subwoofers autoamplificados Montarbo 112SA y SW540, con crossover electrónico estereo incorporado.



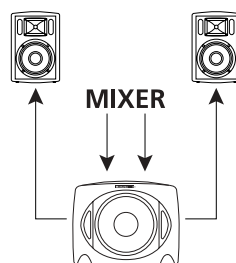
SW540



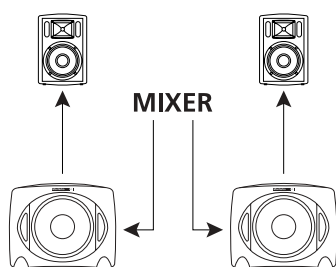
112SA

MT180A & SUB...

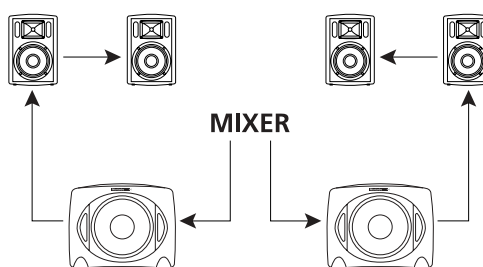
In the applications requiring an extension of the low frequency range, the MT180A combines perfectly with the Montarbo self-powered subwoofers 112SA and SW540, with built-in stereo electronic x-over.



2 MT180A + 1 subwoofers 112SA or SW540



2 MT180A + 2 subwoofers 112SA or SW540



4 MT180A + 2 subwoofers 112SA or SW540

MT180A / MT180P

Montarbo



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**Monitor and
PA system**



SPECIFICATIONS

SPECIFICATIONS

MT180A / MT180P

MT180A & MT180P:

- **Enclosure** 2-way vented box, low turbulence ports
- Components** Custom designed to our specifications:
1 x 8" loudspeaker
1 x 1" horn loaded driver
- Sensitivity** 97 dB SPL @ 1W/1m
- Frequency response** 60 Hz ÷ 19,5 kHz ± 2dB
- **Construction** H.D. polyethylene cabinet;
steel protection grille; stand adapter
- **Dimensions (W x H x D)** 26,5 x 38 x 26cm

MT180A:

- Max. SPL** 119 dB
- **Mixer** 3 inputs (1 mic - ,2 line level),
1 EQ filter at 600Hz,
1 line - level output
- Input sensitivity:** Mic: - 40 dB Line: - 10 dB
- Input impedance:** Mic: 2 kOhm Line: 22 kOhm
- **Built-in amplifiers** MosFet class A-B, processor controlled
- max. output power** 120 W
200 W peak
- Connections** Combined XLR and 1/4" jack (*Neutrik Combo®)
for the balanced input; 1/4" jacks for the line
inputs and for the mixed output
- **Weight** 9,5 kg

MT180P:

- Nominal impedance** 8 Ω
- Power handling** 120 W
- Connections** 2 Jacks + 1 Neutrik Speakon® connector,
wired in parallel.
- **Weight** 7 kg

* The trademark "Neutrik Combo ®" is property of Neutrik