

# biamped active systems

# W14A **NEW!!!**

biamped, 2-way  
speaker system with  
2 amps, 2 processors  
and electronic crossover

# W17A



**W17A**

**600 W** continuous  
**850 W** peak



**W14A**

**600 W** continuous  
**850 W** peak



**Montarbo**



Simplicity is the core of the project for these loudspeaker enclosures with their unique and innovative design. Made from high-density polyethylene, they are not only beautiful, but also resistant, indestructible and recyclable. Flexible, rapid and safe assembling in fixed and mobile installations thanks to the 6 fly points included in the cabinet shape (patent pending).

The sound ? Fantastic.



# W17A / W14A

ENGLISH

- 6 fly points included in the cabinet shape (patent pending).
- Made from high density polyethylene. Resistant, indestructible, recyclable.
- Their shape also allows for stage monitoring installation.
- Custom-built components:
  - for the basses W17A and W14A utilize 15" and 12" **neodymium magnet woofers** respectively.
  - the HF sections of both models are equipped with a 1,4" driver coupled to a constant directivity horn (60°x 40°).
- Biamped. Each system incorporates:
  - 2, class A-B, Mosfet amplifiers 450 + 150 Watt continuous 650 + 250 Watt peak
  - 2 independent processors
  - High slope electronic crossover (24dB/octave, 1 kHz, Linkwitz-Rhiley).
- The rear panels are fitted with:
  - balanced XLR input and output (link) connectors.
  - master volume control
  - mid-high level control.
  - ground-lift.
- Equipped with stand adapter and transport handles.

ITALIANO

- 6 punti di aggancio incorporati nel disegno delle casse (patent pending).
- Costruite in polietilene ad alta densità, robusto, indistruttibile, riciclabile.
- La loro forma ne permette anche l'installazione come monitor da palco.
- Componenti progettati appositamente per le loro caratteristiche:
  - per i bassi W17A e W14A utilizzano woofer con **mageti al neodimio**, rispettivamente da 15" e da 12".
  - le sezioni medio-alti di entrambi i modelli sono dotate di driver da 1,4" con tromba a direttività costante (60°x 40°).
- Biamplicate. Ognuna di esse incorpora:
  - 2 amplificatori a MosFet in classe A-B 450 + 150 Watt continui 650 + 250 Watt di picco
  - 2 processori indipendenti
  - Cross-over elettronico ad elevata pendenza (24dB/ottava, 1 kHz, Linkwitz-Rhiley).
- I pannelli posteriori dispongono di:
  - prese XLR bilanciate per l'ingresso e per l'uscita (link).
  - volume master.
  - controllo livello medio/alti.
  - interruttore ground-lift.
- Dotate di adattatore per supporto e maniglie per il trasporto.

DEUTSCH

- 6 Hängepunkte eingebaut in dem Design der Box (patent pending).
- Gebaut aus hochdichtem Polyethylen. Widerstandsfähig, unzerstörbar, recyclebar.
- Ihre Form ermöglicht auch die Installation als Bühnenmonitore.
- Speziell für sie hergestellte Komponenten:
  - für die Bässe sind W12A und W15A jeweils mit 12 und 15" **Neodymmagnet-Tieftöner** ausgerüstet.
  - für die Mitten-Höhen haben beide Modellen ein 1,4"-Treiber und ein Horn mit einem Abstrahlwinkel von 60°x 90°.
- Doppelverstärkt. Jedes System hat eingebaut:
  - 2 MosFet-Verstärker in der Klasse A-B. 450 + 150 Watt Dauerleistung 650 + 250 Watt Spitzenleistung
  - 2 voneinander unabhängige Prozessoren.
  - Elektronische Frequenzweiche mit großer Steilheit (24dB/Oktave, 1 kHz, Linkwitz-Rhiley).
- Die Anschlußfelder verfügen je über:
  - symmetrische XLR Buchsen für den Eingang und für den Ausgang (Link).
  - Lautstärke-Regler
  - Mitten/Höhen-Regler
  - Ground-lift-Schalter
- Bestückt mit Adapter für Stativ und Tragegriffe.

biamped active systems



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FRANÇAIS

- 6 points d'accrochage incorporés dans le design du baffle (patent pending).
- Construits en polyéthylène à haute densité, résistant, indestructible et recyclable.
- Leur design permet l'installation même en horizontal comme moniteur sur scène.
- Composants fabriqués spécialement pour elles:
  - pour les basses, W17A et W14A utilisent des woofers avec avec aimant néodyme respectivement de 15 et 12 pouces.
  - pour les médiums-aigus, les deux baffles sont dotées d'un driver de 1,4" et trompe à directivité constante (60°x 40°)
- Bi-amplifiés. Chaque système incorpore:
  - 2 amplificateurs à MosFet de classe A-B: 450 + 150 Watt continu  
650 + 250 Watt de crête
  - 2 processeurs indépendants
  - Crossover électronique (24dB/octave, 1 kHz, Linkwitz-Rhiley).
- Les panneaux de contrôle des deux baffles sont équipées de:
  - prises XLR symétriques pour l'entrée et la sortie (link)
  - volume général
  - volume medium-aigu
  - ground-lift
- Adaptateur pour montant et poignées pour le transport.

ESPAÑOL

- 6 puntos de enganche incorporados en el dibujo del altavoz (patent pending).
- Fabricadas en polietileno de alta densidad. Robusto, indestructible y reciclable.
- Pueden ser instaladas también en horizontal como monitores de palco.
- Equipadas de componentes especiales para ellas:
  - para los bajos W17A y W14A montan woofers con iman neodimium, respectivamente de 15" y 12".
  - para los medios/agudos las dos cajas son dotadas de un driver de 1,4" con bocina de orientación costante (60°x 40°)
- Bi-amplificadas. Cada sistema incorpora:
  - 2 amplificadores a MosFet en clase A-B: 450 + 150 Watios continuos  
650 + 250 Watios en pico
  - 2 procesadores independientes
  - Crossover electrónico (24dB/octava, 1 kHz, Linkwitz-Rhiley).
- Los paneles de controles y conexiones disponen de:
  - entrada y salida ('link') balanceadas con tomas XLR
  - volumen general
  - volumen medios/altos,
  - ground-lift.
- Adaptador para soporte caja y asas para el transporte.



**W17 A**  
2 - WAY PROCESSOR CONTROLLED ACTIVE SPEAKER SYSTEM

**Montarbo**

W17A  
POWER: 450W + 150W  
SPEAKERS: 15" + 1.4" + 1.4"

W14A  
POWER: 450W + 150W  
SPEAKERS: 12" + 1.4" + 1.4"



15" neodymium magnet woofer  
129 dB max SPL



12" neodymium magnet woofer  
128 dB max SPL

**SPECIFICATIONS**

• Enclosure

Components

- bass

- mid/high

Construction

Frequency response:

- bass

- mid/high

Sensitivity:

Max. SPL:

• Built-in crossover

Crossover frequency:

Slope:

• Built-in amplifiers:

Max. output power:

- bass

- mid/high

Frequency response:

Input impedance:

Input sensitivity:

Connections:

• Dimensions:

**W17A**

2-way bass reflex

custom designed

15" high efficiency woofer with neodymium magnet.

1,4" driver coupled with a constant directivity horn (60° horizontal x 40° vertical)

High density polyethylene

6 fly points integrated in the design of the cabinet.

40Hz ÷ 20kHz ± 3dB

40Hz ÷ 1000Hz

1000Hz ÷ 20kHz

101 dB SPL @ 1W/1m

129dB

1kHz

24dB/oct (Linkwitz-Rhiley)

2 MosFet, AB class, dedicated power units controlled by 2 independent processors.

450 W continuous (4Ω / 0.1% THD)  
650 W peak

150 W continuous (4Ω / 0.1% THD)  
250 W peak

35 Hz ÷ 25 kHz +0/-1dB

10KΩ

0dB (775mV)

balanced input and output (link) wired in parallel.

W 48 cm

H 74 cm

D 40.5 cm

32 kg

**W14A**

2-way bass reflex

custom designed

12" high efficiency woofer with neodymium magnet.

1,4" driver coupled with a constant directivity horn (60° horizontal x 40° vertical)

High density polyethylene.

6 fly points integrated in the design of the cabinet.

45Hz ÷ 20kHz ± 3dB

45Hz ÷ 1000Hz

1000Hz ÷ 20kHz

100,5 dB SPL @ 1W/1m

128dB

1kHz

24dB/oct (Linkwitz-Rhiley)

2 MosFet, AB class, dedicated power units controlled by 2 independent processors.

450 W continuous (4Ω / 0.1% THD)  
650 W peak

150 W continuous (4Ω / 0.1% THD)  
250 W peak

35 Hz ÷ 25 kHz +0/-1dB

10KΩ

0dB (775mV)

balanced input and output (link) wired in parallel.

W 41 cm

H 68.3 cm

D 36 cm

26 kg



**Montarbo**



Elettronica Montarbo srl  
40057 Cadriano Granarolo Emilia Bologna (Italy)  
phone: +39 051 766437 fax: +39 051 765226  
e-mail: mail@montarbo.com internet: www.montarbo.com

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