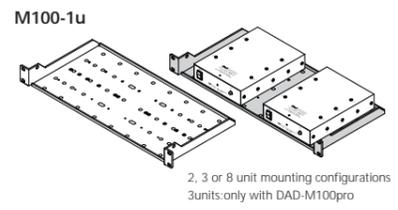
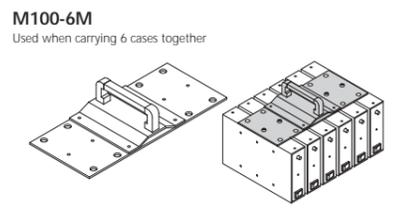
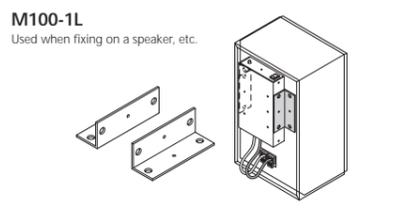


Specification	DAD-M100pro BI	DAD-M100pro BB	DAD-M100pro HT	DAD-M100dc+ BI	DAD-M100dc+ BB	DAD-M100dc+ HT
Rated output	160watts(4Ω) 100watts(8Ω)			160watts(4Ω) 100watts(8Ω)		
Frequency characteristics	5Hz-25kHz(4Ω / +0, -3dB) 5Hz-50kHz(8Ω / +0, -3dB)			5Hz-25kHz(4Ω / +0, -3dB) 5Hz-50kHz(8Ω / +0, -3dB)		
Total Harmonic distortion	0.05%(4Ω / 1kHz at 50watts output) 0.03%(8Ω / 1kHz at 50watts output)			0.05%(4Ω / 1kHz at 50watts output) 0.03%(8Ω / 1kHz at 50watts output)		
S/N ratio	120dB(400Hz-30kHz BPF)			120dB(400Hz-30kHz BPF)		
Residual noise	25μV(400Hz-30kHz BPF)			25μV(400Hz-30kHz BPF)		
Damping factor	200(8Ω1kHz)			200(8Ω1kHz)		
Input sensitivity	2Vrms		1Vrms	2Vrms		1Vrms
Input impedance	47kΩ		10kΩ(Level. max)	47kΩ		10kΩ(Level. max)
Input terminal	XLR(balanced)		RCA PIN(Unbalanced)	XLR(balanced)		RCA PIN(Unbalanced)
SP terminal	SPEAKON	4mm Binding Posts		SPEAKON	4mm Binding Posts	
Power input	3P inlet			3P inlet(AC) 2P terminal(DC)		
Volume variable range	0 ~ -30dB			0 ~ -30dB		
Power consumption(AC)	22watts / 8Ω 32watts / 4Ω		20watts / 8Ω 30watts / 4Ω	22watts / 8Ω 32watts / 4Ω		20watts / 8Ω 30watts / 4Ω
Power consumption(DC)	—			0.6A(Amp on, no signal) / 5A(4Ω, 1/3 Amp in use)		
Safety standard	U.S.A&Canadian Model : UL 6500/CSA E60065 Standard European Model : EN 60065 Standard			U.S.A&Canadian Model : UL 6500/CSA E60065 Standard European Model : EN 60065 Standard		
Operating temperature range	0°C ~ 40°C / 32°F ~ 104°F			0°C ~ 40°C / 32°F ~ 104°F		
Outer casing	Aluminum			Aluminum		
Maximum outline dimension	132(w) x 223(D) x 43(H)mm 5-3/16" (w) x 8-3/4" (D) x 1-11/16" (H)	132(w) x 240(D) x 43(H)mm 5-3/16" (w) x 9-7/16" (D) x 1-11/16" (H)	132(w) x 240(D) x 43(H)mm 5-3/16" (w) x 9-7/16" (D) x 1-11/16" (H)	157(w) x 229(D) x 43(H)mm 6-3/16" (w) x 9" (D) x 1-11/16" (H)	157(w) x 238(D) x 43(H)mm 6-3/16" (w) x 9-3/16" (D) x 1-11/16" (H)	157(w) x 238(D) x 43(H)mm 6-3/16" (w) x 9-3/16" (D) x 1-11/16" (H)
Weight	Approx. 650g / 1.4 lb			Approx. 920g / 2.0 lb		

specification and appearance are subject to change without notice.

Optional Mounting Adaptor



For detail please contact :

Digital Power Amplifier

DAD-M100 Series

DAD-M100pro / DAD-M100dc+

Super Compact, Super Light-Weight and Superb Sound Quality



Digital power amplifiers for any arena.

Advanced technology cuts power consumption by 2/3 without forfeiting the high sound quality that originates at the digital source.



Exceeds previous expectations

DAD-M100 Series is a rare breakthrough design in the world of audio. Flying Mole's engineers set out to out to exceed previous expectations for price vs. performance, as well as for size, weight and efficiency. However, what we came up with shatters all previous expectations. The M100 is an especially compact and light monoblock amplifier. Its looks are unassuming; it is a tiny black box that is about the size of a paperback novel, and it weighs barely over a pound. It uses about the same amount of power when idling as your average night light does, and needs no ventilation since it runs cool to the touch.

Amazingly high sound quality like triode-amps

While it looks will not scream for your attention, its performance will grab you by the collar and shake, rattle and roll you! A full 100 watts of power into 8 ohms comes out of that unassuming black box-all day long, without breaking a sweat. And the sound quality it produces is simply amazing. For its budget price, it does bass like an amp weighing 100 times its weight. It has that elusive lifelike reproduction that is so rarely found in amplifiers at any price.

Continuous output at 1/3 of rated output is possible

Correspondence to high impedance is possible, which is indispensable for the professional use

Digital amplifiers tend to show peaks in the high frequency range at no load or at high impedance load, which may damage the speakers. As a countermeasure, the unit has a built-in "virtual dumper" circuit to suppress high frequency range peaks as well as to minimize power loss.

Very low power consumption saves energy and is environmentally friendly

Power consumption is only 20W (1/8 of rated outputpower,100W/8Ω)

Power conversion efficiency of 85%

As this figure undergoes less heating, as compared to conventional analog and digital amplifiers, a large heatsink is not required allowing the equipment to be very compact. This efficient 'cool' running also attributes to the astounding reliability, as vital components are never exposed to extreme temperature fluctuations.

A high degree of reliability is achieved because its dustproof and water resistant construction makes the unit highly resilient to harsh environments.

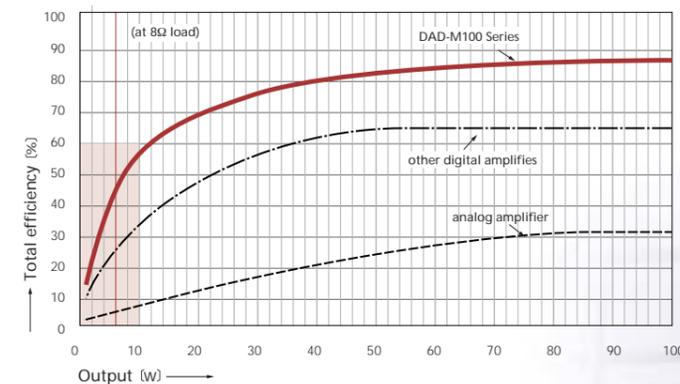
The newly developed DC/DC Converter has a 95% conversion rate

DC12V compatible

The DC/DC converter allows for use during power failures, or other emergency situations, as well as staged outdoor events.

Available only with the DAD-M100dc model

Total efficiency characteristics (Amp.section+Power section)



Comparisons at actual usage levels, it is more evident that Flying Mole amps are more efficient than other amplifiers.



Awarded "Most Wanted Components 2004" by The Stereo Times (N.Y.)



Exceeding by threefold compared to conventional models
power weight ratio of 1:10 w/inch
power size ratio of 2.5 w/inch²

Digital Power Amplifier

DAD-M100pro Series

DAD-M100 Standard Model



DAD-M100pro HT

DAD-M100pro BB

DAD-M100pro BI



Digital Power Amplifier

DAD-M100dc+ Series

DAD-M100pro + DC power technology

Three Models Encompass All User Applications



BI-type: Perfect for all types of outdoor events



BB-type: Ideal for parade floats and other moving sound stages



HT-type: This compact system is invaluable in any disaster or power failure situation



Awarded "Most Wanted Components 2004" by The Stereo Times (N.Y.)



Digital Power Amplifier

DAD-M100pro Series

Our cutting edge research allows us to present these highly efficient light-weight and compact digital power amplifiers.

Use determined connector variations



BI-type



Very lightweight: less than 9lb for 6 pieces.

Units are easy to transport and set up because they are much lighter than conventional amplifiers.

Recommended connector: XLR input/ NC3MX made by NEUTRIK SPEAKON terminal/ NL4FX made by NEUTRIK or equivalent

- XLR (balanced) input terminal + SPEAKON output terminal
- Suitable for any sound system or pre-existing facility, particularly event, party, and concert venues where input and output connectors are frequently changed.



BB-type



Compact size and design are suitable for MA studio use

Powered speakers in combination with standard monitor speakers combine to yield stable high sound quality.

- XLR (balanced) input + 4mm SP terminal binding posts
- Ideal for use with powered speakers, and for custom installation in any type of freestanding audio facility



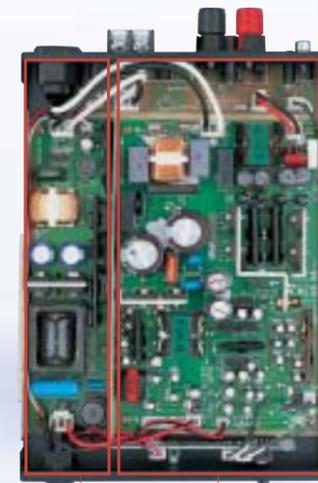
HT-type



Original technology for powerful home theater use

Multi-channel sound is indispensable for a units with a large display. DAD-M100pro features high power and high sound quality plus ease of storage due to its compact size.

- RCA (unbalanced) input + 4mm SP terminal binding posts
- Ideal for use with powered speakers, and AV home theater multi-channel audio systems



Digital Power Amplifier

DAD-M100dc+ Series

DC power technology means even more versatility.

These 160W/4ohms amps provide the perfect support for any outdoor event.

Power and Amplifier section
DC/DC converter section

Use determined connector variations



BI-type



Perfect for all types of outdoor events

Beyond normal AC power, DC battery power enables an unlimited range of uses both in and outdoors. This compact high power amplifier produces ultra-high quality sound ideal for any event regardless of the location.

- XLR (balanced) input terminal + SPEAKON output terminal
- Suitable for any sound system or preexisting facility, particularly event, party,



BB-type



The ideal power amp for parade floats and other moving sound stages

Dramatic increases in efficiency brought about through circuit unification and advanced digital technology allow for a compact size perfect for the cramped space of a parade float or other moving sound stage, as well as outdoor events where large obtrusive equipment is unwanted.

- XLR (balanced) input + 4mm SP terminal binding posts
- Ideal for use with powered speakers, and for custom installation in any type of freestanding audio facility



HT-type



This compact system is invaluable in any emergency or power failure situation

Easily portable and highly resilient to harsh environments, the DAD-M100dc+ takes the lead in any disaster, power failure or other emergency situation while the compact size and low heat generating characteristics allow for easy storage.

- RCA (unbalanced) input + 4mm SP terminal binding posts
- Ideal for use with powered speakers, and AV home theater multi-channel audio systems



160W of audio power from a DVD case sized unit

The DAD-M100 series units incorporate new "Bi-Phase Fusion Technology" which involves the integration of the power and amplifier sections allowing for a total conversion efficiency of 85%. Because the unit undergoes significantly less heating than conventional analog or digital amplifiers, a space wasting heat sink is unnecessary. Thus, full 160W power is maintained even though the unit is only slightly larger than a DVD case.



Mounting systems designed for a wide range of uses



6 unit connecting brackets allow incredible maneuverability no matter where you use them.



Slim compact design is perfect for speaker-top mounting



For multi-channel applications, the EIA compatible M100-1u rack can mount up to eight M100-Series units.