

# Technomad

Audio. Anywhere.™



## The FireFly - The Ultimate All-In-One PA System

The FireFly Tactical PA System brings Technomad's legendary toughness, clarity, power, and reliability to our smallest PA system yet. Technomad's all-in-one FireFly PA system delivers near 'instant-on' setup times, with no need for external loudspeakers, tangled cables, and complex mixers. Best of all, you don't have to be a gorilla to carry the FireFly - it's compact enough to fit in a standard backpack, and weighs only 25 lbs.

## Fully Weatherproof

Like all Technomad products, the FireFly is handcrafted in the USA with a rugged rotationally-molded polyethylene body and self-casing covers- front lid, back hatch.

Technomad LLP • 800.474.7757 • [military.technomad.com](http://military.technomad.com) • Made in the USA

**Technomad**  
THE MILITARY AUDIO SYSTEMS EXPERTS  
25981  
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[www.technomad.com](http://www.technomad.com) MADE IN USA

AC/BATT. ON EXT. DC ON  
120-240 VAC 12v DC



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## Voice, Music, even Sirens

Even the softest voice becomes loud and clear when spoken into the FireFly's included wireless microphone. With a powerful compression driver coupled with a highly efficient 3d-generation horn (with an anti-resonant design for superior performance), the FireFly is capable of producing highly intelligible audio at 130 dB SPL. The rich, full sound quality is optimal for small, mid-sized, and large venues and outdoor areas.

## Multiple Power Options

When you are away from an electrical outlet you can still project music, voice, and alarms sounds with the FireFly. The FireFly has a long-life NiMH battery pack, fully expandable (far superior to lead acid batteries), providing listeners with up to 5 hours of continuous play. Even more impressive, is the ability to power your sound with an optional solar charger, or DC charge option available for vehicle power operation. A 110-240VAC charger is included.

## Quickly Operational

Easy to use for fast deployment : The most versatile of portable audio systems, the FireFly comes complete with a molded, in-stand-mount socket on the bottom of the unit and threaded inserts on the sides for yoke mounting, enabling the FireFly to be permanently installed on buildings. The FireFly can also be easily used as a manpack, on watercraft, land vehicles, and aircraft deployment operations.

## Integration Capabilities

- Microphone and line level inputs, four-input mixer
- Built in storage for accessories and cables  
Expansion Slot for SuperConductor MP3 player/recorder, CD Player, wireless and ethernet Link Kits, more
- Networkable – source or member of wide-area modular paging system.

## Features & Specifications

- Height: 14.5 in 36.9 cm
- Width: 8.2 in 20.9 cm
- Depth: 14.0 in 35.5 cm
- Weight: 25 lb 11.3 kg

## General Specifications

Rigging points: 2x 1/4-20 threaded inserts on top (handle mount points)

Yoke mount points: 2 x 1/4-20 threaded inserts on side

Standmount sockets: 1x 1.5" socket on bottom of unit

Handles: 1x strap handle

Cabinet: Mid-density Polyethylene

Grill: Powder coated stainless steel

Audio Inputs: 1x XLR, mic.level 1x 1/4, line level

Audio Outputs: 1x Neutrik NL4MP

Power Inputs: AC power (90-240vAC) DC power (12v)

Battery: 4400aH NiMH (expandable)

Audio Performance Specifications

Frequency Response: (+/- 2 dB) 350 Hz – 8 kHz

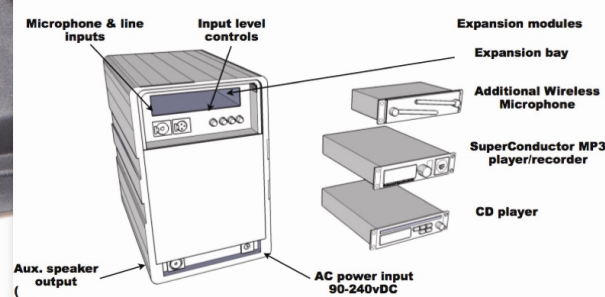
Maximum Output: (long term) 125 dB SPL

Maximum Output: (peak program) 130 dB SPL

HF Dispersion: 60°V x 40°H

All audio specifications based on ALMA EIA 426B test protocols.

COTS NGLS and FOL solution.



<http://military.technomad.com>



# Technomad Firefly Tactical PA System

Highly portable, self-powered, high output portable PA system



**125dB SPL continuous output**

**Wireless microphone**

**NiMH battery pack, expandable**

**Fully weatherproof**

**Self-casing**

**Lightweight, 25 lbs**

**Microphone and line level inputs**

**Built in accessory storage**

**Expansion Slot for MP3 player/recorder, CD player, wireless and ethernet Link Kits**



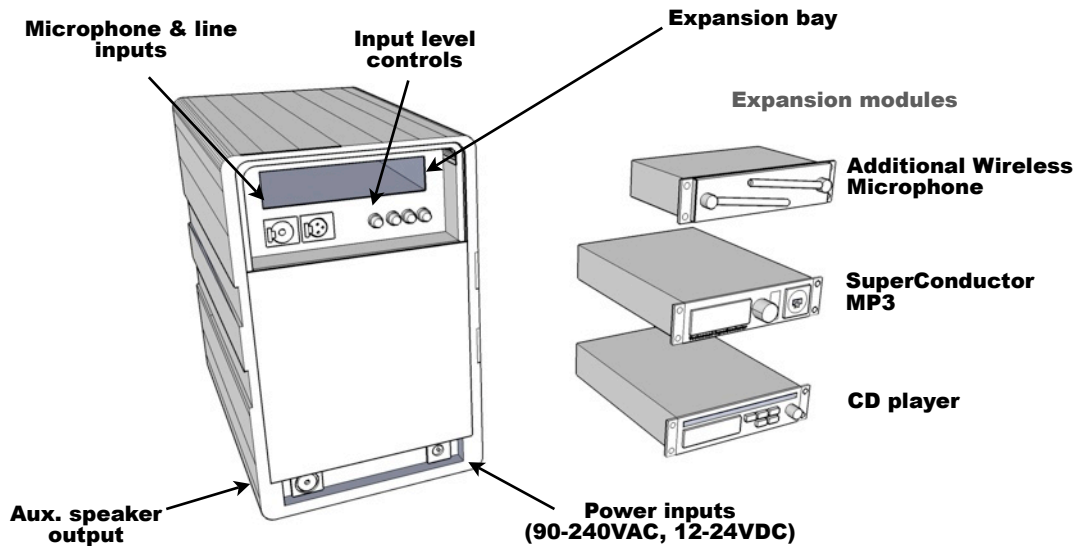
The Firefly is a portable PA unit designed to meet the requirements of a man-pack PA system while offering Technomad's unsurpassed combination of audio quality, product flexibility and ruggedness. Fully weatherproof, the Firefly can easily be transported and set up by one person. A molded in stand-mount socket on the bottom of the unit and inserts on the sides for yoke mounting give the Firefly a range of deployment options. With a powerful compression driver coupled with a highly efficient horn, the Firefly is capable of producing highly intelligible audio at 130 dB SPL.

The Firefly is highly expandable with an available expansion bay for use with Technomad's SuperConductor MP3 player/recorder, a CD player module, a second wireless microphone or a Link Kit interface, including wireless, Ethernet and twisted pair configurations. Whether you need a self-contained, complete PA unit for field deployment or to expand or build an existing PA system with additional, compact output units, the Firefly can meet your requirements.

**Technomad**  
THE TOUGHEST LOUDSPEAKERS IN THE WORLD.

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# Technomad Firefly Tactical PA System



## Available Options

- SuperConductor MP3 players with scheduling capability
- Link Kit Modules:
  - Ethernet
  - Wireless
  - Twisted pair
- Expanded life battery pack (internal)
- All day battery pack (external)
- Yoke-mount bracket
- Additional wireless microphone
- CD player module

## Specifications

### Audio Performance Specifications

Frequency Response (+/- 2 dB)	350 Hz - 8 kHz
Maximum Output (long term)	125 dB SPL
Maximum Output (peak program)	130 dB SPL
HF Dispersion	60°V x 40°H

All audio specifications based on ALMA EIA 426B test protocols.

### General Specifications

Audio Inputs	1x XLR, mic. level 1x 1/4, line level
Audio Outputs	1x Neutrik NL4MP
Power Inputs	AC power (90-240VAC) DC power (12-24V DC)
Battery	5 AH NiMH
Battery Operational Life	5 hours full operation 15 hours stand-by

### Physical Specifications

Height	14.5 in.	36.8 cm
Width	8.25 in.	20.9 cm
Depth	14 in.	35.5 cm
Weight	25 lb.	11.3 kg

### Fittings:

Rigging points	2x 1/4-20 threaded inserts on top (handle mount points)
Yoke mount points	2 x 1/4-20 threaded inserts on side
Standmount sockets	1x 1.5" socket on bottom of unit
Handles	1x strap handle

Cabinet	Mid-density Polyethylene
Grill	Powder coated stainless steel

**Fully Weatherproof** - unit operates with loudspeaker lid open in severe precipitation without damage.

**Self-Casing** - gasketed hatches protect back control surfaces and and loudspeaker mouth for transport and storage.

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