Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

PTB-1-M

Remote Controlled Magnetic Pan Tilt Base Rotates and Tilts with Mounting Plate - (4) 200 lb Magnets

Product ID: 147105

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

PTB-1-M Magnetic Pat/Tilt Base

Dimensions: 8"L x 11"W x 12"H
Weight: 24 lbs
Voltage: 12V or 24V DC
Rotation: 0° to 355°
Tilt: -60° to +30°
Pan Speed: 7.2°/Sec
Tilt Speed: 3.6°/Sec
Pan Electrical Power: 6 Watts
Tilt Electrical Power: 15 Watts
Maximum Load: 100 lbs
Ambient Operating Temp Range: -25°C to +50°C
Ingress Protection: IP54
Housing Material: Die-Cast Aluminum
Finish: Powder Coated - Black
Mounting: (4) 200 lb Magnets (One Per Corner)
Remote: Hard wired & wireless
Wiring: 25` Cable w/ Inline Remote - (2) 1` Pigtails

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The PTB-1-M from Larson Electronics is an Industrial Grade Magnetic Pan Tilt Base that is designed to provide wireless and hard wired remote control of lights and equipment. This remote control unit allows operators to rotate

through from 0° to 355°, tilt from -60° to +30°, and mount equipment weighing up to 100 lbs. The PTB-1-M features one 200 lb magnet on each corner of the base for a total of four 200 lb magnets for quick and easy temporary mounting of the base and attached equipment.

The PTB-1-M magnetic pan/tilt base provides operators with a remote way to control lights, cameras, and other equipment mounted to the base. An 8" by 12" mounting plate allows operators to mount a variety of user provided equipment to the top of the pan/tilt base, including LED and HID lights, cameras, and antennas. Wired and wireless remote controls are provided with this unit, providing flexibility in the field.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge







This unit is constructed of die-cast aluminum and powder coated for added corrosion resistance. The internal gears of the PTB-1-M provide no slip and no "slop" during operation, and the pan/tilt base holds its position after movement has stopped. Mounting is provided via four 200 lb magnets with one one each corner of the unit for simple and secure temporary mounting. This pan/tilt base will keep its position during storms and strong winds, and holds up to vibrations in vehicle and offshore applications.

Hard wired and wireless remote controls are both included with the PTB-1-M. The wireless remote control is operated from the wireless key fob, is battery operated, and controls up, down, left, right, and on/off. The hard wired remote provides 25` of cable with an Am phenol 10-SL waterproof disconnect at the base of the fixture. The handheld wired remote is located 15` from the light, with a 10` from the light leading to the power source. Two individual +/- leads on the pan/tilt base allow operators to power user provided equipment from the same power source without running additional cabling. The PTB-1-M is offered in 12V or 24V DC

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364









Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

PTB-1-M

Product ID: 147105

Warranty: 36 Months

Export Control Classification Number (ECCN): EAR99

Options:

PTB-1-M-Voltage

Example: PTB-1-M-12V

Voltage	
12 VOLTS	-12V
24VOLTS	-24V

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**