



ME-ARTR

Advanced Router Provides Complete System-level Connectivity and Programming

Quickly and easily connect multiple inverter/chargers, charge controllers, and accessories without individual programming using the Magnum Energy ME-ARTR Router. This advanced router is designed to provide system-level connectivity and programming for large Magnum Energy installations. One ME-ARTR can accommodate up to four MS-PAE or MS-PE inverter/chargers in parallel and program up to **seven** PT-100 solar charge controllers at once. The advanced router can also handle two ME-AGS modules, multiple ME-BMK monitors, and one ME-ARC or ME-RC remote.

Advanced Router Features

- Harvest up to 42kW of solar with the ability to program and connect to the balance of system equipment with one ME-ARTR.
- Install firmware upgrades in the field with a microSD card.
- “Bulk Always” setting always starts in BULK charging mode, ideal for charging li-on chemistries with custom settings.
- Optimized scheduling parameters with pop-up reminders for better feedback to ensure the system is performing at peak levels.
- No programming necessary for MS-PAE parallel operation.

THE ME-ARTR IS DESIGNED TO CONNECT LARGE MAGNUM ENERGY INSTALLATIONS

IDEAL FOR USE WITH



Magnum Energy MPDH Panel and four MS-PAE Inverter/Chargers



Up to seven (7) PT-100 Charge Controllers for 42kW output at 48V

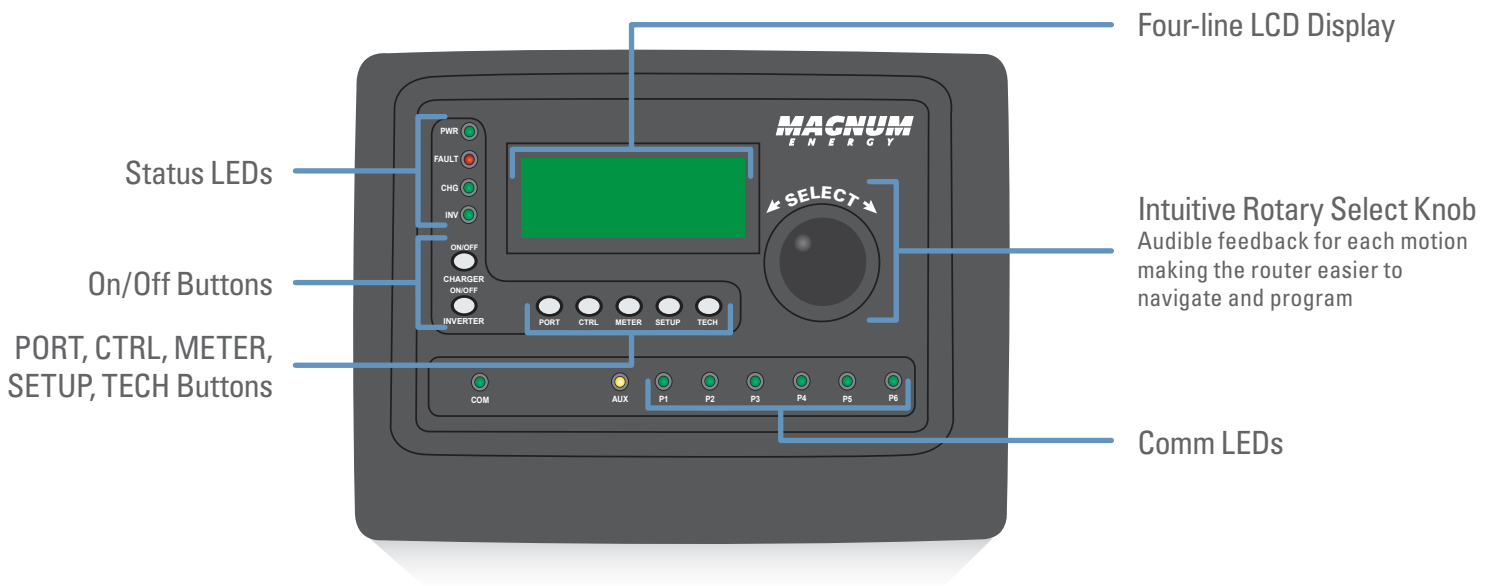
Model Number

- ME-MGT-MW

Works With

- MMP Panel System
- MP Panel System
- MS-PAE Inverter/Charger
- MS-PE Inverter/Charger
- PT-100 Charge Controller
- ME-AGS Auto Gen Start
- ME-BMK Battery Monitor
- ME-ARC Remote
- ME-RC Remote

ME-ARTR ROUTER AT-A-GLANCE



The ME-ARTR is designed to allow cables to be concealed behind the front cover or they may be threaded through an opening in the wall.

ME-ARTR SPECIFICATIONS

INPUTS	
Parallel stack ports	Four Cat 5 ports
Aux relay	One 2-wire terminal
Comm/accessory ports	Six
MicroSD card slot	One
POWER REQUIREMENTS	
Power consumption (on)	2.8 watts
BATTERY SETTINGS	
Available battery settings	Bulk, Absorb, Float, EQ, Bulk Always
Available battery types	AGM1, AGM2, Flooded, GEL, CC/CV, Custom
Communication default battery type	Flooded
GENERAL FEATURES	
Warranty	One year. Five years if installed on a Magnum Energy MMP or MP System.
ENVIRONMENTAL SPECIFICATIONS	
Ambient temperature range	-4 °F to 149 °F (-20 °C to 65 °C)
Cooling	Natural convection, no fans
PHYSICAL SPECIFICATIONS	
Dimension (WxHxD)	8.94" x 6.63" x 1.94" (22.7 cm x 16.8 cm x 4 cm)

