



ME-ARTR | ADVANCED ROUTER

PROVIDES COMPLETE SYSTEM-LEVEL CONNECTIVITY AND PROGRAMMING

Introduction

Quickly and easily connect multiple inverterchargers, charge controllers, and accessories without individual programming using the ME-ARTR Advanced Router. This 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 inverterchargers in parallel and program up to seven PT-100 solar charge controllers at once. The advanced router can also work with two ME-AGS modules, multiple ME-BMK monitors, and one ME-ARC or ME-RC remote.



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.

Model Number

- ME-ARTR

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



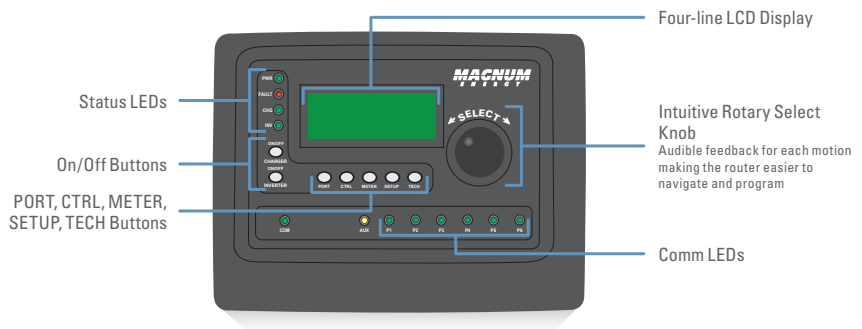
SPECIFICATIONS

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.
PHYSICAL SPECIFICATIONS	
Dimension (WxHxD)	8.94" x 6.63" x 1.94" (22.7 cm x 16.8 cm x 4 cm)
Ambient temperature range	-4 °F to 149 °F (-20 °C to 65 °C)



AT-A-GLANCE DIAGRAM

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.



GENERAL NOTES

Testing for specifications at 25°C.
Specifications subject to change without notice.

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