Inverter Compatibility Matrix for the ME-RC with Revision 2.7

The ME-RC has many advanced settings, and is designed to work with the advanced features in your Magnum inverter and/or other Magnum devices (i.e., ME-AGS-N or ME-BMK). The ME-RC communicates with your inverter to allow these advanced features to be set up or enabled. However, when the ME-RC is released with a new software revision, some of the features and functionality in this remote may not be available in an inverter or networked accessory that has an earlier software level. In this case, when the advanced setting is requested from the ME-RC to your inverter (or any other Magnum device networked with the inverter), this setting is not recognized and will not function. Use the steps below to help you determine which ME-RC (Revision 2.7) menus/features are compatible with your inverter.

1. Go to: http://magnumenergy.com/inverter-compatibility/ to determine your inverter's compatibility level (L1, L2, L3 or L4).
2. Use the table below to determine which ME-RC 'Features/Settings' you want to use and what inverter compatibility level is required (see 'Inverter Model/Level Required').
3. If your inverter compatibility level is the same or greater than the 'Inverter Model/Level Required', then your inverter can support the device setting/feature you want.
4. If your inverter does not have the required compatibility level for a feature/setting you want, contact Magnum Energy to determine if there is a software upgrade option for your inverter.

Button	FEATURES/SETTINGS			Inverter Model/Level Required	Default Setting	User Setting
	Menu Heading	Menu Item	Selections/Adjustments Range			
SHORE		Shore Max=	5-60A	≥Level 1 [1]	30A	
AGS	01 AGS Control	AGS=	OFF, Enable, Test, Enable w/QT (Set Time)	≥Level 1	OFF**	
	02 AGS Status	AGS:	Read only display	≥Level 1	Read Only	
	03 Run Time Hour	Run Time=	0.5-25.5 hours	≥Level 1	2.0 Hrs	
	04 Start Temp F	Start Temp=	OFF, Ext Input, 65-95F	≥Level 1	OFF	
	05 Start Volts	Start VDC=	OFF, 10.0-12.2*	≥Level 1	11.0	
	06 Set Time	Hour =	01:xxx-12:xxx	≥Level 1	12:00A	
		Minute =	xx:00x-xx:60x			
		AM-PM =	xx:xxA or xx:xxP			
	07 Quiet Time	Quiet=	OFF, 9PM- (7AM/8AM/9AM), (10PM/11PM) -8AM	≥Level 1	OFF	
	08 AGS TECH	Gen Run:	Read only display	≥Level 1	Read Only	
		AGS VDC:	Read only display	≥Level 1	Read Only	
		Temp:	Read only display	≥Level 1	Read Only	
		AGS Rev:	Read only display	≥Level 1	Read Only	
		AGS Mode:	=RV, Other	≥Level 1	RV	
METER	01 INV/CHG Meter	DC:	##.#V ##A (Read only display)	≥Level 1	Read Only	
		[F] VAC Out:	###VAC (Read only display)	≥Level 4	Read Only	
		[F] Hz Out:	##.#Hz (Read only display)	≥Level 4	Read Only	
		[F] Load Amps:	##AAC (Read only display)	≥Level 4 [3]	Read Only	
		[F] Input Amp:	##AAC (Read only display)	≥Level 4 [3]	Read Only	
		[F] I/C Amps:	##AAC (Read only display)	≥Level 4 [3]	Read Only	
		[F] AC Input:	###V (Read only display)	MSH Models	Read Only	
		[F] AC2 Input:	###V (Read only display)	MSH-RE Models	Read Only	
	02 BM: SOC	Batt SOC:	Read only display	≥Level 1 [5]	Read Only	
	03 BM: Meters	DC Volts:	Read only display	≥Level 1 [5]	Read Only	
		DC Amps:	Read only display	≥Level 1 [5]	Read Only	
		AH I/O:	Read only display	≥Level 1 [5]	Read Only	
		rAH Out:	Read only display	≥Level 1 [5]	Read Only	
		tAH Out:	Read only display	≥Level 1 [5]	Read Only	
	04 BM: Status	BM:	Read only display	≥Level 1 [5]	Read Only	
	05 BM: Setup	BM Charge Eff	Chg Eff= Auto, 50-97%	≥Level 1 [5]	Auto	
		BM Amp Hours	Batt Amphr= 200-2500	≥Level 1 [5]	400	
	06 BM: TECH	BM Rev:	Read only display	≥Level 1 [5]	Read Only	
		Min DC:	Read only display (press SELECT to reset)	≥Level 1 [5]	Read Only	
		Max DC:	Read only display (press SELECT to reset)	≥Level 1 [5]	Read Only	

Table heading: ME-RC (REVISION 2.7) COMPATIBILITY MATRIX

SETUP	01 Search Watts	Search =	OFF, 5-50 watts (5 watt increments)		≥Level 1	5 Watts
	02 LowBattCutOut	LBCO =	9.0-12.2* VDC		≥Level 2	10.0 VDC
	03 Absorb Time	Absorb Hrs =	0.0-25.5 Hrs		≥Level 4 [4]	1.5 Hrs
	04 Battery Type	BatType=	Gel, Flooded, AGM 1, AGM 2		≥Level 1	Flooded
			Custom [2]	Absorb = (12.0-16.0V)*	≥Level 3	14.4V
				Float = (12.0-16.0V)*		13.2V
				Equalize = (12.0-16.0V)*		15.6V
	05 Charge Rate	Max Charge=	0-100%		≥Level 3	80%
	06 VAC Dropout	Dropout=	US Models: 60-100 VAC, UPS Mode		≥Level 1	80 VAC
			Export Models: 110-190 VAC, UPS Mode		≥Level 1	150 VAC
	07 Power Save	PwrSave =	OFF, 1-60 Minutes		≥Level 1	15min
	08 Screen Setup	Contrast =	0-100%		≥Level 1	100%**
		Brightness =	0-100%		≥Level 1	50%**
	[F] 09 Final Charge	Final =	Multi, Float, Silent		≥Level 4	Multi
			Silent	Rebulk = (12.0-16.0V)*		12.0V
	[F] 10 Pwr Up Always	Pwr Up =	YES, NO		≥Level 1	NO
TECH	01 Temperatures	BTS:	Read only display		≥Level 1	Read Only
		Tfmer:	Read only display		≥Level 1	Read Only
		FETs:	Read only display		≥Level 1	Read Only
		AGS:	Read only display		≥Level 1	Read Only
	02 Revisions	Inverter:	Read only display		≥Level 1	Read Only
		Remote:	Read only display		≥Level 1	Read Only
		AGS:	Read only display		≥Level 1	Read Only
		BMK:	Read only display		≥Level 1	Read Only
		Router:	Read only display		≥Level 1	Read Only
	03 Inv Model	Model:	Read only display		≥Level 1	Read Only
	04 Load Defaults	Defaults in x.xs	Press SELECT (x5 Secs) for default settings		≥Level 1	Read Only
	05 Ext Control	VAC Dropout:	Read only display		≥Level 1	Read Only
		Charge Rate:	Read only display		≥Level 1	Read Only
		Shore Max:	Read only display		≥Level 1	Read Only
	[F] 06 Set PIN	SETUP=	Locked, Unlocked, Change PIN (PIN= 0000)		≥Level 1	Unlocked

* 12-volt values shown; for 24-volts systems - multiply by 2, and for 48-volt systems - multiply by 4.
** These settings return to the factory default setting when power to the remote is removed.
[F] Features added to Revision 2.7

ME-ARC Compatibility Matrix Notes:

[1] Not available on MM/MM-E/MM-AE/MMS/MMS-E models.

[2] AC Couple Mode can be activated using Battery Type: Custom with MS-PAE Series ≥Rev 4.1 or MS/MS-PE series ≥5.0.

[3] The AC amps displays are not shown unless connected to MS-PAE, MS-PE or MSH Series models.

[4] Level 2 and 3 inverters can be used, but:

Level 2 inverters are limited from 1.0 hour to 4.5 hours,

Level 3 inverters <Rev 4.1 are limited from 1.0 hour to 6.5 hours,

Level 3 inverters ≥Rev. 4.1 (and MMS Rev 1.5) are limited from 1.5 hours to 6.5 hours;

Any setting outside these limited ranges are not recognized and reverts to the inverter's default absorption time (2.0 hours).

[5] BM/SOC features require the ME-BMK (Battery Monitor Kit) to be installed.