

Electronic Products

MEASTRO Series Astronomical Timers

MEASTRO-R Infrared Controller  Order Number: 270 720									
Type		MEASTRO110	MEASTRO120	MEASTRO121	MEASTRO221	MEASTRO321	MEASTRO122	MEASTRO222	MEASTRO322
Definition		Digital Timer	Digital Timer	Astronomical Timer	Astronomical Timer	Astronomical Timer	Astronomical Timer	Astronomical Timer	Astronomical Timer
Order Number		270 700	270 701	270 702	270 703	270 704	270 705	270 706	270 707
Casing Width(mm)		36mm	36mm	36mm	36mm	36mm	36mm	36mm	36mm
Connections		Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal
Mounting		Rail Mount	Rail Mount	Rail Mount	Rail Mount	Rail Mount	Rail Mount	Rail Mount	Rail Mount
Functions	Digital time clock	√	√	√	√	√	√	√	√
	Astronomical time clock	-	-	√	√	√	-	√	√
	Prayer program	-	-	-	-	√	-	-	√
	Infrared	-	-	√	√	√	-	-	-
	Programming with controller	-	-	√	√	√	-	-	-
	RS485 (Modbus RTU)	-	-	-	-	-	√	√	√
	Display	Type	LCD	LCD	LCD	LCD	LCD	LCD	LCD
	Dimensions	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"
		Renewal time	0.5sec	0.5sec	0.5sec	0.5sec	0.5sec	0.5sec	0.5sec
Number of Program		100	100	100	100	100	100	100	100
Infrared Distance		550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm	550 mm
Accuracy		±1sec/day							
Battery Life		7 years	7 years	7 years	7 years	7 years	7 years	7 years	7 years
Type of Output		Relay	Relay	Relay	Relay	Relay	Relay	Relay	Relay
	Relay Outputs	Number of Contacts	1	2	2	2	2	2	2
	Type	1 C/O (SPDT)	2 C/O (SPDT)	2 C/O (SPDT)	2 C/O (SPDT)	2 C/O (SPDT)	2 C/O (SPDT)	2 C/O (SPDT)	2 C/O (SPDT)
	Max. Ratings -AC	16A / 250VAC	16A / 250VAC	16A / 250VAC	16A / 250VAC	16A / 250VAC	16A / 250VAC	16A / 250VAC	16A / 250VAC
	Max. Switching Power	1250VA	1250VA	1250VA	1250VA	1250VA	1250VA	1250VA	1250VA
	Mechanical Life Time	≥ 10^7	≥ 10^7	≥ 10^7	≥ 10^7	≥ 10^7	≥ 10^7	≥ 10^7	≥ 10^7
	Electrical Life Time	5x10^4	5x10^4	5x10^4	5x10^4	5x10^4	5x10^4	5x10^4	5x10^4
	Supply Voltage	Supply Voltage	DC	-	-	-	-	-	-
		AC	180...265 V AC	180...265 V AC	180...265 V AC	180...265 V AC	180...265 V AC	180...265 V AC	180...265 V AC
	Supply Frequency		50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
	Permissible Ambient Temperature	During Operation	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C	-20°C...+70°C
		During Storage	-30°C...+80°C	-30°C...+80°C	-30°C...+80°C	-30°C...+80°C	-30°C...+80°C	-30°C...+80°C	-30°C...+80°C
Relative Humidity		Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)
Operating Frequency		50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Degree of Protection		IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
	Power Consumption	DC	-	-	-	-	-	-	-
	AC	<11VA	<11VA	<11VA	<11VA	<11VA	<11VA	<11VA	<11VA