MURPHY®
by ENOVATION CONTROLS

Ready To Run Panels

RTR
READY TO RUN

MLC380 **TEC-10** **ML1000** **ML2000**

Get running in minutes with Murphy's Ready To Run Panels. The panels have everything you need in one plug-and-play solution. Match your needs with the best option whether you need engine monitoring or a more sophisticated full engine control system. With several levels of panel options, it will be easy to find the solution right for you.

The Ready to Run Panels are engineered to manufacturers' requirements and work out of the box with minimal set-up time. These panels put control at your fingertips allowing operators to monitor and change settings easily in the field.

Let Murphy's Ready to Run Panels maximize your investment.

For more information on the Ready to Run offerings refer to, www.enovationcontrols.com/rtr.

Supported Engines

Manufacturer	Engine Model
Doosan	FT4 D10 - 4500
	FT4 D10 - 4800
	FT4 D18
	FT4 D24
	FT4 D34
	FT4 D34 SCR
Isuzu	FT4 4LE2
	FT4 4JJ1T
MTU	FT4 LPR Series 1000, 1100, 1300, 1500

See the How to Order section for availibility and limitations.

NOTE: The Isuzu engine panel styles are different than pictured on this page. Refer to www.enovationcontrols.com/rtr to see panels.

Specifications

PowerView® MLC380:
Display: 3.8-inch (97 mm) QVGA monochrome transflective LCD; 320 x 240 pixels
Keys: 5 tactile push buttons
LEDs: red, shutdown; amber, warning
Start Type: Manual Start
Throttle Type: Manual

PowerCore® TEC-10:
Display: 2.7-inch (68 mm) WQVGA monochrome HR-TFT; 400 x 240 pixels
Keys: 11 tactile feedback buttons
LEDs: red, shutdown; amber, warning; green, auto mode or running loaded state
Start Type: Manual and Auto Start
Throttle Type: Manual and Auto Throttling

PowerCore® ML1000:
Display: 2.7-inch (68 mm) WQVGA monochrome HR-TFT; 400 x 240 pixels
Keys: 11 tactile feedback buttons
LEDs: red, shutdown; amber, warning; green, auto mode or running loaded state
Start Type: Manual and Auto Start
ThrottleType: Manual and Auto Throttling

PowerCore® ML2000:
Display: 3.8-inch (97 mm) QVGA monochrome transflective LCD; 320 x 240 pixels
Keys: 11 tactile feedback buttons
LEDs: red, shutdown; amber, warning; green, auto mode
Start Type: Manual and Auto Start
Throttle Type: Manual and Auto Throttling

How to Order

Doosan Ready To Run Panels

Part Number	Model and Description	Notes
Panels		
3209005	MLC380-Doosan STD, G2 Engines	
9	ML1000-4X, RTR Doosan, G2 Engines	Panel for D18/D24/D34 Engines
4009006	ML2000-4X, Doosan STD, G2 Engines	
6	TEC-10, Doosan RTR Controller	
4009006	**Har nesses**	
7	MIH-DO-56P-T4F-D18/D24	Engine Harness for D18/D24 Engines
4009007	MIH-DO-56P-T4F-D34-6	Engine Harness for D34 LHP Engines
3	MIH-DO-56P-T4F-D34SCR-6	Engine Harness for D34 SCR Engines
3200019	Harness with PV380, On/Off Switch, ECU/Relay Bracket for D10-4500 controller	PV380 and On/Off Switch supplied with harness can be mounted by customer or Enclosure kit 78001276 (sold separately) (D10 Engines only)
7	Harness with PV380, On/Off Switch, ECU/Relay Bracket for D10-4800 controller	
3200017	**Accessories**	
78001276 / 3200020	D10 Enclosure Kit to mount PV380 and Toggle	Kit mounts PV380, On/Off Switch to ECU/Relay Bracket supplied with Harness
78001180	I/O Harness, MLC380, Doosan RTR	10' long
40000693 / 3200022	I/O Harness, ML1000 and TEC-10	10' long
40000565	I/O Harness, ML2000	10' long
32000246	31 Position Connector Kit (I/O)	I/O Connector Kit
05705669	ES2F-Fuel Sender	Fuel Level Sender

Isuzu Ready To Run Panels

Part Number	Model and Description	Notes
For 4LE2 Engines		
3209005	ML380-4LE2-FT4 ML1000-4LE2-	
3	FT4 ML1000-4LE2-FT4-Door	
4009005	Option* ML2000-4LE2-FT4	
4	ML2000-4LE2-FT4-Door Option*	
4009005		
9	ML380-4JJ1T-FT4 **For 4JJ1T Engines**	
4009005	ML1000-4JJ1T-FT4	
0	ML1000-4JJ1T-FT4-Door	
4009005 8	Option* ML2000-4JJ1T-FT4	*Must purchase door option if door is needed. No Kit Option available.
	ML2000-4JJ1T-FT4-Door Option*	
3209005		*Must purchase door option if door is needed. No Kit Option available.
8	**Accessories**	
4009005 9	I/O Whip harness for ML1000 panel	10' long, 31 position
4009006	I/O Whip harness for ML2000 panel	10' long, 31 position
4000061	Potentiometer kit (adjustment knob for speed setup	ML380 only
8	limit) I/O connector kit	31 position
6509002	Remote panel for ML380	Uses PV380
4009005 0	Extension harness for 32090057 ML380 remote panel	controller 20' long

78700043
6
4009006
32090057

MTU Ready To Run Panels		MTU is a trademark of its owner.
Part Number	**Model and Description**	**Notes**
Panels		
40700519	ML2000-MTU RTR	Pre-packaged full control solution to connect all engine control modules and house the CPC4
Accessories		
78001311	Remote PV380 Display Kit	Plug and Play Kit for ML2000 MTU Panel

SALES CONTACT

ENOVATION CONTROLS®

www.enovationcontrols.com

CONTACT

✉ sales@rajkotmarinellc.ae

📞 +971 6 7487580

🌐 www.rajkotmarine.com

RAJKOT MARINE LLC

Jerf Industrial Area 1,
P.O Box 5861
Ajman, UAE