

MD 41-1000 Series

Introducing Our Newest Development In Gps Control, "Slim Line Pro" ACU

For technicians, this compact, lightweight system greatly simplifies the installation of IFR approach-certified GPS units. For pilots, the MD41-1000 helps get the most out of their GPS, both en route and on approach.

Only 2.25" or 2.75" wide and 3.25" deep, the MD 41-1000 is available for either horizontal or vertical installation and is approved under TSO C129 to 55,000'. What's more, 24 user-defined relay poles are available in the remotely mounted switching unit. A complete installation kit with MIL-spec connectors further adds to installation flexibility and simplicity.

All annunciators and push buttons are integrated in a single unit while the relay are remotely mounted, enhancing safety and minimizing pilot workload. Push buttons are internally lighted and annunciators are photocell dimmed, making them easy to see in any lighting condition. Models are available for all approach-certified GPS systems. When it's time to plan your next GPS installation, take a close look at the MD 41-1000 ACU.

P/N MD41-1000

MD41-ACU (Annunciator Control Unit)

Model	Application	Configuration
MD41-300 Series		
Honeywell		
MD41-324	KLN-90B	Horizontal, 14V
MD41-328	KLN-90B	Horizontal, 28V
MD41-334	KLN-90B	Vertical, 14V
MD41-338	KLN-90B	Vertical, 28V
MD41-500 Series		
Honeywell		
MD41-524	KLN-89B	Horizontal, 14V
MD41-534	KLN-89B	Horizontal, 28V
MD41-538	KLN-89B	Vertical, 14V
		Vertical, 28V
MD41-600 Series		
Freeflight		
MD41-624	2000 APR, 2101 (all)	Horizontal, 14V
MD41-628	2000 APR, 2101 (all)	Horizontal, 28V
MD41-634	2000 APR, 2101 (all)	Vertical, 14V
MD41-638	2000 APR, 2101 (all)	Vertical, 28V
MD41-700 Series		
UPS Aviation		
MD41-724	GX50/60, 2001 ()/2101	Horizontal, 14V
MD41-728	GX50/60, 2001 ()/2101	Horizontal, 28V
MD41-734	GX50/60, 2001 ()/2101	Vertical, 14V
MD41-738	GX50/60, 2001 ()/2101	Vertical, 28V
MD41-800 Series		
Northstar		
MD41-824	M-3 APR	Horizontal, 14V
MD41-828	M-3 APR	Horizontal, 28V
MD41-834	M-3 APR	Vertical, 14V
MD41-838	M-3 APR	Vertical, 28V
MD41-900 Series		
Honeywell		
MD41-928	KLN-900	Horizontal, 28V
MD41-938	KLN-900	Vertical, 28V



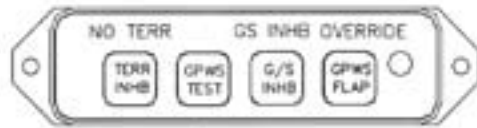
MD41-1000 "SLIM-LINE PRO" Series ACU's (Annunciator Control Unit) With MD41-224/228 24 Pole Remote Relay Unit

Model	Application	Configuration
MD41-1108 Series	Goodrich	
MD41-1108		Horizontal, 28V
MD41-1108(5V)		Horizontal, 28V, 5V
MD41-1118		Vertical, 28V
MD41-1118(5V)		Vertical, 28V, 5V
MD41-1128		Horizontal, 28V
MD41-1124		Horizontal, 14V
MD41-1128(5V)		Horizontal, 28V, 5V
MD41-1138		Vertical, 28V
MD41-1134		Vertical, 14V
MD41-1138(5V)		Vertical, 28V, 5V
MD41-1311	Honeywell	
MD41-1310		Vertical, 28V
MD41-1310(5V)		Vertical, 28V, 5V
MD41-1311		Horizontal, 28V
MD41-1311(5V)		Horizontal, 28V, 5V
MD41-1300 Series	Honeywell	
MD41-1324	KLN-90B	Horizontal, 14V
MD41-1328	KLN-90B	Horizontal, 28V
MD41-1334	KLN-90B	Vertical, 14V
MD41-1338	KLN-90B	Vertical, 28V
MD41-1348	Honeywell	
MD41-1368	Honeywell	
MD41-1400 Series	Garmin Int'l	
MD41-1404A	GPS400, GNC4200, GNS430	Horizontal, 14V
MD41-1408	GPS400, GNC4200, GNS430	Horizontal, 14V
MD41-1414A	GPS400, GNC4200, GNS430	Vertical, 28V
MD41-1418A	GPS400, GNC4200, GNS430	Vertical, 28V
MD41-1424	GPS 155/165	Horizontal, 14V
MD41-1428	GPS 155/165	Horizontal, 28V
MD41-1434	GPS 155/165	Vertical, 14V
MD41-1438	GPS 155/165	Vertical, 28V
MD41-1444	GPS155XL/GNC300(XL)	Horizontal, 14V
MD41-1448	GPS155XL/GNC300(XL)	Horizontal, 28V
MD41-1454	GPS155XL/GNC300(XL)	Vertical, 14V
MD41-1458	GPS155XL/GNC300(XL)	Vertical, 28V
MD41-1464A	GNS430/530	Horizontal, 14V
MD41-1468A	GNS430/530	Horizontal, 28V
MD41-1474A	GNS430/530	Vertical, 14V
MD41-1478A	GNS430/530	Vertical, 28V
MD41-1500 Series	Honeywell	
MD41-1524	KLN-89B	Horizontal, 14V
MD41-1528	KLN-89B	Horizontal, 28V
MD41-1534	KLN-89B	Vertical, 14V
MD41-1538	KLN-89B	Vertical, 28V

Model	Application	Configuration
MD41-1500 Series	Honeywell	
MD41-1524	KLN-89B	Horizontal, 14V
MD41-1528	KLN-89B	Horizontal, 28V
MD41-1534	KLN-89B	Vertical, 14V
MD41-1538	KLN-89B	Vertical, 28V
MD41-1600 Series	Freeflight	
MD41-1624	2000 APR, 210(ALL)	Horizontal, 14V
MD41-1628	2000 APR, 210(ALL)	Horizontal, 28V
MD41-1634	2000 APR, 210(ALL)	Vertical, 14V
MD41-1638	2000 APR, 210(ALL)	Vertical, 28V
MD41-1648	TNL-8100, HT-9000	Horizontal, 28V
MD41-1658	TNL-8100, HT-9000	Vertical, 28V
MD41-1700 Series	UPS Aviation	
MD41-1724	GX50/60	Horizontal, 14V
MD41-1728	GX50/60	Horizontal, 28V
MD41-1734	GX50/60	Vertical, 14V
MD41-1738	GX50/60	Vertical, 28V
MD41-1800 Series	Northstar	
MD41-1824	M-3APR	Horizontal, 14V
MD41-1828	M-3APR	Horizontal, 28V
MD41-1834	M-3APR	Vertical, 14V
MD41-1838	M-3APR	Vertical, 28V
MD41-1900 Series	Honeywell	
MD41-1928	KLN-900	Horizontal, 28V
MD41-1938	KLN-900	Vertical, 28V

TAWS/EGPWS Terrain Awareness Annunciation/Control Systems

Designed by Mid-Continent Instruments to work specifically with the following TAWS/EGPWS systems. All units have the same quality features that are listed on the front of this spec sheet.



MD41-1311 | Honeywell Mark VIII



MD41-1108 | Goodrich Avionics TAWS 8000



MD41-1368 | Honeywell Mark XXI
PMA Pending



MD41-1348 | Honeywell Mark XXII
PMA Pending

System	Switching	Annunciators	Input	Lighting	Mounting	Part Number
Honeywell (Bendix King) KGP-560 GPWS	TEST	TERR/NA (Amber)	14	14	Horizontal	MD41-1204
	TERR/INHB	TERR (Amber)	14	14	Vertical	MD41-1214
		TERR (Red)	28	28	Horizontal	MD41-1208
		TERR/INHB (White)	28	5	Horizontal	MD41-1208(5V)
				28	28	Vertical
			28	5	Vertical	MD41-1218(5V)
Honeywell (Bendix King) KGP-560 GPWS With Radar Indicator	RDR/TERR	TERR/NA (Amber)	14	14	Horizontal	MD41-1304
	TEST	TERR (Amber)	14	14	Vertical	MD41-1314
	TERR/INHB	TERR (Red)	28	28	Horizontal	MD41-1308
	TERR/INHB (White)		28	5	Horizontal	MD41-1308(5V)
		RDR/TERR (Green)	28	28	Vertical	MD41-1318
			28	5	Vertical	MD41-1318(5V)
Honeywell MK VII Enhanced Ground Proximity Warning System (EGPWS)	GS/INHB	NO/TERR (Amber)	28	28	Vertical	MD41-1310
	GPWS/TEST	GS/INHB (Amber)	28	5	Vertical	MD41-1310(5V)
	TERR/INHB	OVERRIDE (Amber)	28	28	Horizontal	MD41-1311
	GPWS/FLAP		28	5	Horizontal	MD41-1311(5V)
Goodrich 8000 Series TAWS with Radar Indicator	RDR/TERR	SNSR (Amber)	28	28	Horizontal	MD41-1108
	TEST	PULL UP (Red)	28	5	Horizontal	MD41-1108(5V)
	TERR/INHB	TERR (Amber)	28	28	Vertical	MD41-1118
		TERR N/A (Amber)	28	5	Vertical	MD41-1118(5V)
		TERR INHB (Amber)				
		RDR TERR (White)				
Goodrich 8000 Series TAWS		SNSR (Amber)	28	28	Horizontal	MD41-1128
	TEST	PULL UP (Red)	14	14	Horizontal	MD41-1124
	TERR/INHB	TERR (Amber)	28	5	Horizontal	MD41-1128(5V)
		TERR N/A (Amber)	28	28	Vertical	MD41-1138
		TERR INHB (White)	14	14	Vertical	MD41-1134
			28	5	Vertical	MD41-1138(5V)