

KE-4+ ELECTRONIC CONTROL SYSTEM

APPLICATIONS

For boats with mechanical throttle and mechanical shift

FEATURES

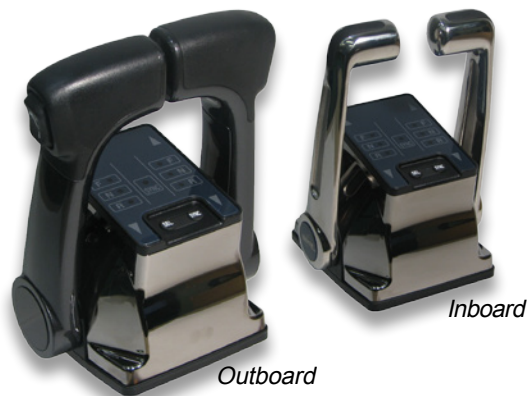
- Designed for new installation or retrofit
- A new level of control performance for inboard, outboard or stern-drive engines; gas or diesel, 12V/24VDC common mode
- Up to 4 stations + 1 handheld
- Various color / finish control head options
- Neutral warm up function
- Complete self-diagnostic system
- Adjustable shift / throttle settings
- Start in gear protection
- Single to quad engine capability

OPTIONAL FEATURES

- Idle control
- Audible alarm
- O/B style levers/ trim control
- Trolling outputs
- Display dimmer
- Handheld control
- System settings tool

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Optional hand held remote control

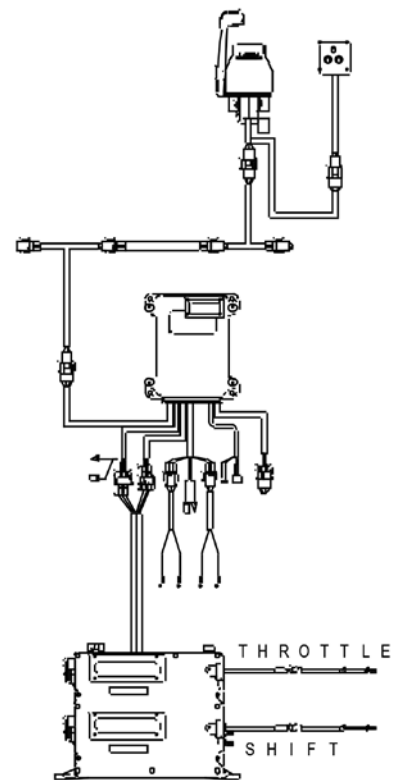
A NEW LEVEL OF CONTROL PERFORMANCE FOR INBOARD, OUTBOARD OR STERN-DRIVE ENGINES

KE Control Systems are a perfect answer to smooth and easy shift and throttle control suitable for most applications. Modern styling, various color/finish control head options, single to quad engine capability. Designed specifically to meet the performance, reliability endurance and aesthetic requirements of today's modern boats.

SPECIFICATIONS

Maximum work load	343N (35 kgf)
Rated input voltages	12V/24V DC common mode (DC 9V-31V)
Current consumption	7A Typical
Starting current - motor	16A Max (49N (5 Kgf) load
Operating Thrust	147N (15 Kgf)
Shift travel	40mm Max each (Fwd, Rev) - adjustable
Operating environment	-4°F/-20°C to +170°F/+77°C
Throttle travel	80mm Max - adjustable

SIMPLIFIED LAYOUT



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KE-4+ ELECTRONIC CONTROL SYSTEM

ORDER INFORMATION

No.	NAME	PART No.	Single Eng.				Dual Eng.				Triple Eng.				Quad Eng.				NOTES				
			No. Stations				No. Stations				No. Stations				No. Stations								
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
1	Control head, Single without PTT	NM1002-00																	More control head options available				
	PTT = trim/tilt switch with PTT	NM1001-00																					
	SST = inboard style SST	NM1003-00	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-					
	Single Gold with tilt/trim switch	NM1004-00																					
	Single Gold w/o tilt/trim switch	NM1005-00																					
	Single Gold w/Stainless handles	NM1006-00																					
2	Control head, Twin without PTT	NM1052-00																	More control head options available				
	with PTT	NM1051-00																					
	SST	NM1053-00	-	-	-	-	1	2	3	4	1	2	3	4	1	2	3	4					
	Twin Gold with tilt/trim switch	NM1054-00																					
	Twin Gold w/o tilt/trim switch	NM1055-00																					
	Twin Gold w/Stainless handles	NM1056-00																					
3	Control unit 12V/24V DC	NM1475-00	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4					
4	Actuator	NM0183-00	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4					
5	Bus Harness	2m																	1m = 39 inches				
		4m																					
		6m																					
		8m																					
		10m																					
		12m																					
		14m																					
		16m					1	2	3	4	2	3	4	5	3	4	5	6		4	5	6	7
		18m																					
		20m																					
		24m																					
30m																							
40m																							
50m																							

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