

KE-4+ Electronic Control System Application Guide



Outboard



Inboard



TABLE OF CONTENTS

Overview.....	2	Single Station, Dual Engine.....	7-9
Ordering Information	3	Single Station, Triple Engine	10-12
Single Station, Single Engine.....	4-6	Accessory Options/Kits.....	13

KIT PART NUMBERS			Pg	ADD A STATION PART NUMBERS			Pg
KE4P01	KE-4+ SSSE - Single Chrome with SS Handle	4		KE4P07	Single - Single Chrome with SS Handle	4	
KE4P02	KE-4+ SSSE - Single Chrome with tilt/trim switch	4		KE4P08	Single - Single Chrome with tilt/trim switch	4	
KE4P03	KE-4+ SSSE - Single Chrome w/o tilt/trim switch	5		KE4P09	Single - Single Chrome w/o tilt/trim switch	5	
KE4P04	KE-4+ SSSE - Single Gold with SS handles	5		KE4P10	Single - Single Gold with SS handles	5	
KE4P05	KE-4+ SSSE - Single Gold with tilt/trim switch	6		KE4P11	Single - Single Gold with tilt/trim switch	6	
KE4P06	KE-4+ SSSE - Single Gold w/o tilt/trim switch	6		KE4P12	Single - Single Gold w/o tilt/trim switch	6	
KE4P13	KE-4+ SSDE - Twin Chrome with SS handles	7		KE4P19	Dual - Twin Chrome with SS handles	7	
KE4P14	KE-4+ SSDE - Twin Chrome with tilt/trim switch	7		KE4P20	Dual - Twin Chrome with tilt/trim switch	7	
KE4P15	KE-4+ SSDE - Twin Chrome w/o tilt/trim switch	8		KE4P21	Dual - Twin Chrome w/o tilt/trim switch	8	
KE4P16	KE-4+ SSDE - Twin Gold with SS handles	8		KE4P22	Dual - Twin Gold with SS handles	8	
KE4P17	KE-4+ SSDE - Twin Gold with tilt/trim switch	9		KE4P23	Dual - Twin Gold with tilt/trim switch	9	
KE4P18	KE-4+ SSDE - Twin Gold w/o tilt/trim switch	9		KE4P24	Dual - Twin Gold w/o tilt/trim switch	9	
KE4P25	KE-4+ SSTE - Twin Chrome with SS handles	10		KE4P31	Triple - Twin Chrome with SS handles	10	
KE4P26	KE-4+ SSTE - Twin Chrome with tilt/trim switch	10		KE4P32	Triple - Twin Chrome with tilt/trim switch	10	
KE4P27	KE-4+ SSTE - Twin Chrome w/o tilt/trim switch	11		KE4P33	Triple - Twin Chrome w/o tilt/trim switch	11	
KE4P28	KE-4+ SSTE - Twin Gold with SS handles	11		KE4P34	Triple - Twin Gold with SS handles	11	
KE4P29	KE-4+ SSTE - Twin Gold with tilt/trim switch	12		KE4P35	Triple - Twin Gold with tilt/trim switch	12	
KE4P30	KE-4+ SSTE - Twin Gold w/o tilt/trim switch	12		KE4P36	Triple - Twin Gold w/o tilt/trim switch	12	

SSSE = Single Station, Single Engine
SSDE = Single Station, Dual Engine
SSTE = Single Station, Triple Engine

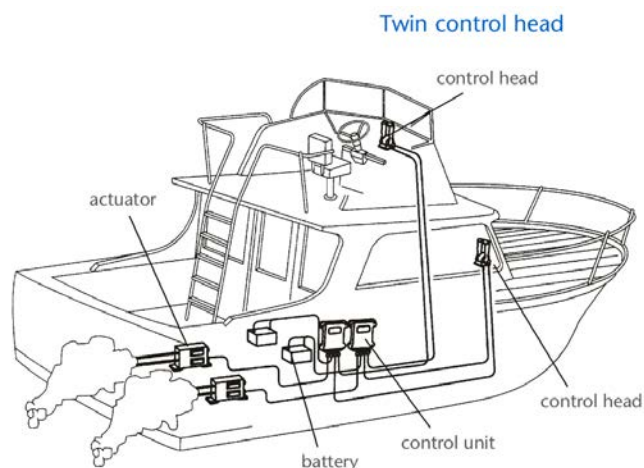
NOTE: Cables and Harnesses Sold Separately. See page 3 for Individual Component Ordering Information.

FOR BOATS WITH MECHANICAL THROTTLE AND MECHANICAL SHIFT

The KE-4+ is 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.

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.
- Various color/finish control head options.
- Synchronization standard, 1 lever/2 lever selection.
- Neutral warm up function.
- Complete self diagnostic system.
- Optional mechanical backup.
- Adjustable shift pause and throttle delay.
- Start in gear protection.
- Optional trolling system.
- Remote hand held control optional. A great docking accessory.
- Idle control option.
- Optional outboard levers with master tilt/trim switch.



INDIVIDUAL COMPONENTS — ORDERING INFORMATION

No	Name	Part No.	Required Single Engine No. of Stations				Dual Engines No. of Stations				Triple Engines No. of Stations				Quad Engines No. of Stations				Note
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
1	Control head, Single without PTT PTT = trim/tilt switch with PTT SST = inboard style SST	NM1002-00 NM1001-00 NM1003-00	1	2	3	4	-	-	-	-	-	-	-	-	-	-	-	-	
2	Control head, Twin without PTT with PTT SST	NM1052-00 NM1051-00 NM1053-00	-	-	-	-	1	2	3	4	1	2	3	4	1	2	3	4	
3	Control unit 12V/24VDC	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 NM0649-02 4m NM0649-04 6m NM0649-06 8m NM0649-08 10m NM0649-10 12m NM0649-12 14m NM0649-14 16m NM0649-16 18m NM0649-18 20m NM0649-20 24m NM0649-24 30m NM0649-30 40m NM0649-40 50m NM0649-50	1	2	3	4	2	3	4	5	3	4	5	6	4	5	6	7	1m = 39 Inches
6	Harness power supply	5m NM0414-28 10m NM0414-33	2	2	2	2	4	4	4	4	6	6	6	6	8	8	8	8	
7	T-Harness (R/C-1)	NM0647-09	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
8	T-Harness (R/C)	NM0647-10	-	1	2	3	-	1	2	3	-	1	2	3	-	1	2	3	
9	T-Harness (Single)	NM0647-11	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
10	T-Harness (Port)	NM0647-12	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	
11	T-Harness (STBD)	NM0647-13	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	
12	T-Harness (Center)	NM0647-14	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	
13	T-Harness (Center STBD)	NM0647-15	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	
14	Triple Switch	NJ0767-00	-	-	-	-	-	-	-	-	1	2	3	4	-	-	-	-	
15	Quad Switch	NJ0768-00	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	4	
16	Circuit breaker 20A	NJ0514-00	2	2	2	2	4	4	4	4	6	6	6	6	8	8	8	8	Optional
17	Buzzer 24V model 12V model	NJ0515-00 NJ0596-00	1	2	3	4	2	4	6	8	1	2	3	4	1	2	3	4	Optional
18	Idle Switch	NJ0765-00	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Optional
19	SW Extn Harness	NM0647-08	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Optional
20	Cable	33C Style CCX633XX XTREME	2	2	2	2	4	4	4	4	6	6	6	6	8	8	8	8	Specify the length CCX633XX Recommended

MECHANICAL BACK-UP OPTION

10	Mechanical control head	Use standard control head	1	1	1	1	2	2	2	2	Option			
11	Cable for manual operation	33C Style	2	2	2	2	4	4	4	4	Option Specify the length			

1 meter = approx. 39 Inches

OPTION

Hand Held Remote Control

PART NUMBER

See SeaStar Solutions website for hand
held instruction manual

Triple and Quad engines ordering data available upon request.

KE-4+ SSSE (SINGLE STATION, SINGLE ENGINE)

KE4P01 — CHROME WITH STAINLESS STEEL HANDLE

Contents	Parts Description	Qty
NM1003-00	Control Head - Single Chrome w/ Stainless Steel Handle	1
NM1475-00	KE-4+ Control Unit 12V/24V	1
NM0183-00	KE-4+ Actuator	1
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-11	T-Harness (Single) with Terminators	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P07 — ADD A STATION KIT, CHROME WITH STAINLESS STEEL HANDLE

Contents	Parts Description	Qty
NM1003-00	Control Head - Single Chrome w/ Stainless Steel Handle	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P02 — CHROME WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1001-00	Control Head - Single Chrome with tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	1
NM0183-00	KE-4+ Actuator	1
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-11	T-Harness (Single) with Terminators	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P08 — ADD A STATION KIT, CHROME WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1001-00	Control Head - Single Chrome with tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSSE (SINGLE STATION, SINGLE ENGINE)

KE4P03 — CHROME WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1002-00	Control Head - Single Chrome w/o tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	1
NM0183-00	KE-4+ Actuator	1
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-11	T-Harness (Single) with Terminators	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P09 — ADD A STATION KIT, CHROME WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1002-00	Control Head - Single Chrome w/o tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P04 — GOLD WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1006-00	Control Head - Single Gold w/ Stainless Steel handles	1
NM1475-00	KE-4+ Control Unit 12V/24V	1
NM0183-00	KE-4+ Actuator	1
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-11	T-Harness (Single) with Terminators	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P10 — ADD A STATION KIT, GOLD WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1006-00	Control Head - Single Gold w/ Stainless Steel handles	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSSE (SINGLE STATION, SINGLE ENGINE)

KE4P05 — GOLD WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1004-00	Control Head - Single Gold with tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	1
NM0183-00	KE-4+ Actuator	1
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-11	T-Harness (Single) with Terminators	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P11 — ADD A STATION KIT, GOLD WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1004-00	Control Head - Single Gold with tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P06 — GOLD WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1005-00	Control Head - Single Gold w/o tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	1
NM0183-00	KE-4+ Actuator	1
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-11	T-Harness (Single) with Terminators	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P12 — ADD A STATION KIT, GOLD WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1005-00	Control Head - Single Gold w/o tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSDE (SINGLE STATION, DUAL ENGINE)

KE4P13 — CHROME WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1053-00	Control Head - Twin Chrome w/ Stainless Steel handles	1
NM1475-00	KE-4+ Control Unit 12V/24V	2
NM0183-00	KE-4+ Actuator	2
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	4
NJ0514-00	Breaker - 20 Amp	4
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P19 — ADD A STATION KIT, CHROME WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1053-00	Control Head - Twin Chrome w/ Stainless Steel handles	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P14 — CHROME WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1051-00	Control Head - Twin Chrome with tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	2
NM0183-00	KE-4+ Actuator	2
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	4
NJ0514-00	Breaker - 20 Amp	4
NJ0596-00	Buzzer (12V)	1
NJ0772-00	Trim Circuit	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P20 — ADD A STATION KIT, CHROME WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1051-00	Control Head - Twin Chrome with tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0772-00	Trim Circuit	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSDE (SINGLE STATION, DUAL ENGINE)

KE4P15 — CHROME WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1052-00	Control Head - Twin Chrome w/o tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	2
NM0183-00	KE-4+ Actuator	2
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	4
NJ0514-00	Breaker - 20 Amp	4
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P21 — ADD A STATION KIT, CHROME WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1052-00	Control Head - Twin Chrome w/o tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P16 — GOLD WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1056-00	Control Head - Twin Gold w/ Stainless Steel handles	1
NM1475-00	KE-4+ Control Unit 12V/24V	2
NM0183-00	KE-4+ Actuator	2
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	4
NJ0514-00	Breaker - 20 Amp	4
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P22 — ADD A STATION KIT, GOLD WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1056-00	Control Head - Twin Gold w/ Stainless Steel handles	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSDE (SINGLE STATION, DUAL ENGINE)

KE4P17 — GOLD WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1054-00	Control Head - Twin Gold with tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	2
NM0183-00	KE-4+ Actuator	2
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	4
NJ0514-00	Breaker - 20 Amp	4
NJ0596-00	Buzzer (12V)	1
NJ0772-00	Trim Circuit	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P23 — ADD A STATION KIT, GOLD WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1054-00	Control Head - Twin Gold with tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0772-00	Trim Circuit	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P18 — GOLD WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1055-00	Control Head - Twin Gold w/o tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	2
NM0183-00	KE-4+ Actuator	2
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	4
NJ0514-00	Breaker - 20 Amp	4
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P24 — ADD A STATION KIT, GOLD WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1055-00	Control Head - Twin Gold w/o tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSTE (SINGLE STATION, TRIPLE ENGINE)

KE4P25 — CHROME WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1053-00	Control Head - Twin Chrome w/ Stainless Steel handles	1
NM1475-00	KE-4+ Control Unit 12V/24V	3
NM0183-00	KE-4+ Actuator	3
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-14	T-Harness (Center)	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	6
NJ0514-00	Breaker - 20 Amp	6
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P31 — ADD A STATION KIT, CHROME WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1053-00	Control Head - Twin Chrome w/ Stainless Steel handles	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P26 — CHROME WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1051-00	Control Head - Twin Chrome with tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	3
NM0183-00	KE-4+ Actuator	3
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-14	T-Harness (Center)	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	6
NJ0514-00	Breaker - 20 Amp	6
NJ0596-00	Buzzer (12V)	1
NJ0772-00	Trim Circuit	2
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P32 — ADD A STATION KIT, CHROME WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1051-00	Control Head - Twin Chrome with tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NJ0772-00	Trim Circuit	2
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSTE (SINGLE STATION, TRIPLE ENGINE)

KE4P27 — CHROME WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1052-00	Control Head - Twin Chrome w/o tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	3
NM0183-00	KE-4+ Actuator	3
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-14	T-Harness (Center)	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	6
NJ0514-00	Breaker - 20 Amp	6
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P33 — ADD A STATION KIT, CHROME WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1052-00	Control Head - Twin Chrome w/o tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P28 — GOLD WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1056-00	Control Head - Twin Gold w/ Stainless Steel handles	1
NM1475-00	KE-4+ Control Unit 12V/24V	3
NM0183-00	KE-4+ Actuator	3
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-14	T-Harness (Center)	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	6
NJ0514-00	Breaker - 20 Amp	6
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P34 — ADD A STATION KIT, GOLD WITH STAINLESS STEEL HANDLES

Contents	Parts Description	Qty
NM1056-00	Control Head - Twin Gold w/ Stainless Steel handles	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS SEPARATELY		

KE-4+ SSTE (SINGLE STATION, TRIPLE ENGINE)

KE4P29 — GOLD WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1054-00	Control Head - Twin Gold with tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	3
NM0183-00	KE-4+ Actuator	3
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-14	T-Harness (Center)	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	6
NJ0514-00	Breaker - 20 Amp	6
NJ0596-00	Buzzer (12V)	1
NJ0772-00	Trim Circuit	2
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P35 — ADD A STATION KIT, GOLD WITH TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1054-00	Control Head - Twin Gold with tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NJ0772-00	Trim Circuit	2
NOTE: BUY BUS HARNESS SEPARATELY		

KE4P30 — GOLD WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1055-00	Control Head - Twin Gold w/o tilt/trim switch	1
NM1475-00	KE-4+ Control Unit 12V/24V	3
NM0183-00	KE-4+ Actuator	3
NM0647-09	T-Harness (R/C-1) with Terminators	1
NM0647-14	T-Harness (Center)	1
NM0647-12	T-Harness (PORT) with Terminators	1
NM0647-13	T-Harness (STBD)	1
NM0414-28	Power Harness - 5M	6
NJ0514-00	Breaker - 20 Amp	6
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS AND CABLE SEPARATELY		

KE4P36 — ADD A STATION KIT, GOLD WITHOUT TILT/TRIM SWITCH

Contents	Parts Description	Qty
NM1055-00	Control Head - Twin Gold w/o tilt/trim switch	1
NM0647-10	T-Harness (R/C)	1
NJ0596-00	Buzzer (12V)	1
NJ0767-00	Triple Switch	1
NOTE: BUY BUS HARNESS SEPARATELY		

ACCESSORY OPTIONS/TROLLING KITS

ACCESSORY OPTIONS

Part Number	Parts Description	Qty	
NM1051-00	Control Head - Twin Chrome with tilt/trim switch	1	
NM0647-08	Switch extension harness	1	per station
NJ0765-00	Idle switch	1	per station
NM0907-00	Handheld control single engine	1	
NM0906-00	Control Kit, Hand Held Twin	1	
NOTE: For 24V systems please order NJ0515-00 24 Volt Buzzer separately			

KE4P-TSE — SINGLE TROLLING KIT

Contents	Parts Description	Qty
NJ0766-00	Trolling Switch	1
NM1481-00	Trolling Unit	1
NM0186-00	Trolling Actuator	1
NM0647-16	T-harness (Troll)	1
NM0648-03	Troll Harness (port/single)	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2

KE4P-TDE — DUAL TROLLING KIT

Contents	Parts Description	Qty
NJ0766-00	Trolling Switch	1
NM1481-00	Trolling Unit	1
NM0186-00	Trolling Actuator	2
NM0647-16	T-harness (Troll)	1
NM0648-03	Troll Harness (port)	1
NM0648-01	Troll Harness (stbd)	1
NM0414-28	Power Harness - 5M	2
NJ0514-00	Breaker - 20 Amp	2



© 2013 SeaStar Solutions Rights Reserved. www.seastarsolutions.com