

Ordering Guides

- KE-4+ is for Mechanical Shift and Throttle, more kits available for electronic shift and/or throttle
- The kits listed are with SS Levers, Composite Levers with and without Trim Switches are available

NHK MEC KE-4+ "Base System" Kits

Single Station Kits with SST Levers	Kit Part #	KE403: Single Engine	KE453: Dual Engine	KE453TE: Triple Engine	KE453QE: Quad Engine
Control Head					
NM1003-00		1	-	-	-
NM1053-00		-	1	1	1
Control Unit NM1475-00		1	2	3	4
Actuators NM0183-00		1	2	3	4
**Bus Harness Ordered Separately NM0649-XX		1	2	3	4
Harness Power Supply - 10M NM0414-33		2	4	6	8
T-Harness (R/C-1) NM0647-09		1	1	1	1
T-Harness (Single) NM0647-11		1	-	-	-
T-Harness (Port) NM0647-12		-	1	1	1
T-Harness (STBD) NM0647-13		-	1	1	1
T-Harness (Center) NM0647-14		-	-	1	1
T-Harness (Center STBD) NM0647-15		-	-	-	1
Triple Switch NJ767-00		-	-	1	-
Quad Switch NJ768-00		-	-	-	1
12v Buzzer (24v option available) NJ0251-00		1	1	1	1

NHK MEC KE-4+ "Add A Station" Kits

Up to 4 Stations in Total can be in a System	Kit Part #	KE403A: Single Engine	KE453A: Dual Engine	KE453TEA: Triple Engine	KE453QEA: Quad Engine
Control Head					
NM1003-00		1	-	-	-
NM1053-00		-	1	1	1
T-Harness (R/C) NM0647-10		1	1	1	1
12v Buzzer (24v option available) NJ0251-00		1	1	1	1
**Bus Harness Ordered Separately NM0649-XX		1	1	1	1

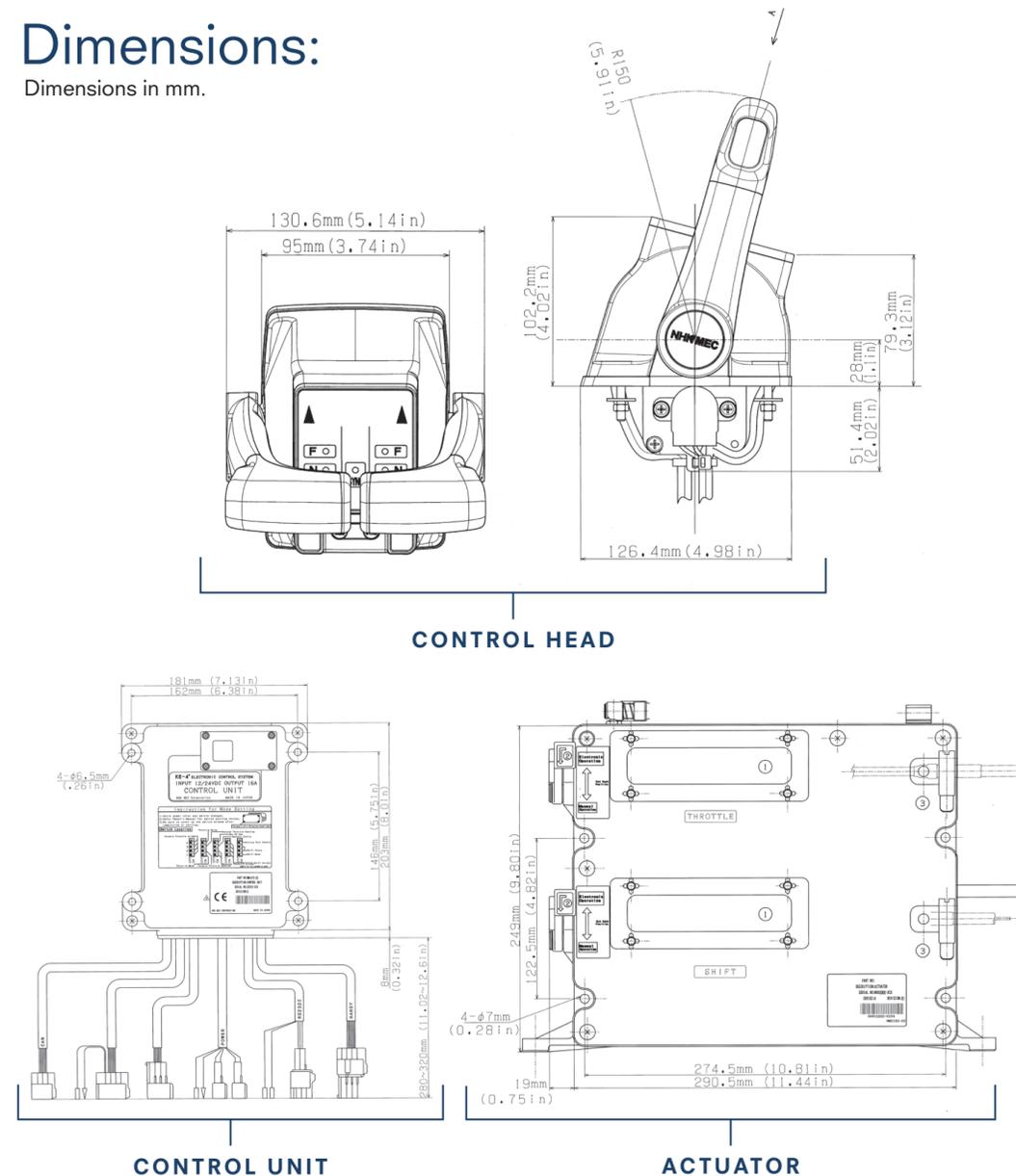
Call Your Sales Rep for More Information on the Various Options for KE Controls.

KE+ Electronic Engine Controls



Dimensions:

Dimensions in mm.



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INBOARDS

OUTBOARDS

STERNDIVES

NHK MEC KE Electronic Engine Controls

The DNA of NHK MEC is marine engine controls. The technology cultivated through 40 years of producing the highest quality controls for marine commercial vessels, fishing vessels, yachts, and small pleasure craft, goes into the KE Series electronic engine controls. Guaranteed to provide the helmsman unequivocal reliability, ease of use, and comfort, the KE Series electronic engine controls are perfect for installation in nearly every marine vessel.

THE KE Controls Experience

Plug-In Installation

KE electronic engine controls utilize CANbus harnesses between control heads and the control unit. Single wire harnesses with plug connectors make installation simpler and much more time efficient.

Engine & Transmission Longevity

KE electronic controls add value to your yacht through smooth and safe shift and throttle.

LED Control Unit Display

Control units feature LED displays that provide information for simplified setup and immediate diagnostics- a separate programming control head is not needed.

Mechanical Back-Up Option

All KE-4+/6+/7+ electronic control systems have a mechanical back-up option built-in with the actuators.

Hassle Free Docking

An optional handheld remote control provides fully functioning shift and throttle.

KE+ Outboard Control Head

- 1 Port Control lever
- 2 Starboard control lever
- 3 Throttle zone for lever
- 4 LED's indicate shift position (FNR)
- 5 LED indicates sync function
- 6 SELECT & SYNC activation buttons



PTT SW OPTION FOR OUTBOARD ENGINES

With a built-in PTT SW (trim & tilt switch), the operator can activate that function smoothly without removing their hand from the control lever. (PTT SW is an option; control head can be specified without it).



FEATURES:

- Designed for new installations or retrofits
- Up to 4 stations + 1 Handheld remote
- Complete self-diagnostic system
- Start in gear protection
- Neutral Throttle Warm-up
- Multi-Engine speed synchronization at the control head
- Control station select at the control head
- Single to quad engine capability
- Audible Alarm
- Single Lever Control
- Supply Voltage: 12V/24VDC

OPTIONAL FEATURES:

- Emergency "Get-Home" mechanical control station
- Idle Control
- Trim switch control levers
- Trolling Outputs
- Handheld Station

BUILT-IN SYNCHRO FUNCTION SW



A built-in synchronization function switch (on lever) for multi-engine configurations (dual, triple, quad) eliminates the need for a separate synch kit, thus reducing installation space & wiring requirements.



NHK MEC KE+ Engine Options:

Control	Mechanical Throttle	Mechanical Shift	Electronic Throttle	Electronic Shift
KE-4 SERIES	✓	✓		
KE-5 SERIES			✓	✓
KE-6 SERIES		✓	✓	
KE-7 SERIES	✓			✓

NHK MEC KE+ Engine Control Head Options:



Control Head (single with PTT SW)
NM1001-00



Control Head (single without PTT SW)
NM1002-00



Control Head (single, stainless steel lever)
NM1003-00



Control Head (dual with PTT SW)
NM1051-00



Control Head (dual without PTT SW)
NM1052-00



Control Head (dual, stainless steel levers)
NM1053-00

NHK MEC KE+ Handheld Remote Option:

(Available in Dual and Single Engine)

