

# dockmate®



Control Type	EMA-I-K-04.01 Engine Neutral Switch Module	EMA-I-K-04.02 Engine Neutral Switch Module	EMA-I-K-04.02Z Engine Neutral Switch Module	Options / Notes
Volvo Neutral (EVC-B)	✓	✓	✗	Plugs ECA-04.02.01 Option plugs + cables Volvo type 1 (per engine)
Volvo Neutral (EVC-C)	✓	✓	✗	Check type of plugs Plugs ECA-04.02.01 Option plugs + cables Volvo type 1 (per engine) Plugs ECA-04.02.02 Option plugs + cables Volvo type 2 (per engine)
Teleflex (EC)	✓	✓	✓	ECA-04.01.05.01 Option plugs + cables for Teleflex EC (single engine) ECA-04.01.05.02 Option plugs + cables for Teleflex EC (twin engines)
Teleflex (Analogue Controls)	✓	✓	—	No ready-made cables Check which output is used on the Kwant Controls you want to use
Kwant Controls (VCI)	✓	✓	✓	ECA-04.01.02.01 Option plugs + cables for Yanmar (single engine) ECA-04.01.02.02 Option plugs + cables for Ismar (twin engines)

## LIST OF SUPPORTED CONTROLS

*For Dockmate RED Receiver*

# DOCKING *made* EASY

# 1. FOREWORD

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This is a list of supported controls for Dockmate RED Receiver.

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## 2. ENGINE CONTROLS

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### 2.1. DESCRIPTION

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supported



not supported – Control System has this function but the Dockmate doesn't support it



not available – Control System doesn't have such function available



When **Take Command** is not supported Dockmate has to be connected to the helm station that is most often used during docking.

**Dockmate RED supports only simple analogue engine controls with one potentiometer and one neutral switch, that can be controlled with a basic Dockmate Analogue Idle Speed Module.**

If a special module is required, then that engine control is not supported.

Supported throttle control is only idle, forward and reverse.

## 2.2. LIST OF SUPPOERTED CONTROLS

Brand	Version	Gear	Thr	Cmd	Engine Module	Manual ID + Remarks
Volvo Penta	EDC 	✓	✓	✓	<b>EMA-I-K-04.02</b> Engine Neutral Switch Module	Plugs: <b>ECA-04.02.01</b> Option plugs + cables Volvo type 1 (per engine)
	EVC -B -C 	✓	✓	✗	<b>EMA-I-K-04.02</b> Engine Neutral Switch Module	 Plugs: <b>ECA-04.02.01</b> Option plugs + cables Volvo type 1 (per engine)
	EVC-C 	✓	✓	✗	<b>EMA-I-K-04.02</b> Engine Neutral Switch Module	 Check type of plugs Plugs: <b>ECA-04.02.01</b> Option plugs + cables Volvo type 1 (per engine) Plugs: <b>ECA-04.02.02</b> Option plugs + cables Volvo type 2 (per engine)
Teleflex	EC 	✓	✓	✓	<b>EMA-I-K-04.01</b> Engine Neutral Switch Module	<b>ECA-04.01.05.01</b> Option plugs + cables for Teleflex EC (single engine) <b>ECA-04.01.05.02</b> Option plugs + cables for Teleflex EC (twin engines)
Kwant Controls	Analogue Controls 	✓	✓	—	<b>EMA-I-K-04.01</b> Engine Neutral Switch Module	No ready-made cables Check which output is used on the Kwant Controls you want to use
Yanmar	VC10 	✓	✓	✓	<b>EMA-I-K-04.02</b> Engine Neutral Switch Module	<b>ECA-04.01.02.01</b> Option plugs + cables for Yanmar (single engine) <b>ECA-04.01.02.02</b> Option plugs + cables for Yanmar (twin engines) 

✓ – supported

✗ – not supported

— – not available

ZF	<p>MicroCommander ClearCommand CruiseCommand MiniCommand</p> 	✓	✓	✓	<p><b>EMA-I-K-04.01</b> Engine Neutral Switch Module</p>	<p><b>ECA-04.01.01.01</b> Option cables for MicroCommander (single engine)</p> <p><b>ECA-04.01.01.02</b> Option cables for MicroCommander (twin engines)</p>  <p><b>ECA-04.01.01.03</b> Option plugs + cables for ZF Analogue Controls (single engine)</p> <p><b>ECA-04.01.01.04</b> Option plugs + cables for ZF Analogue Controls (twin engines)</p> 
	<p>SmartCommand with OBOF panel</p> 	✓	✓	✓		<p><b>EMA-I-K-04.01</b> Engine Neutral Switch Module</p>
Kobelt	<p>Kobelt</p> 	✓	✓	✗	<p><b>EMA-I-K-04.01</b> Engine Neutral Switch Module</p>	No ready-made cables
Hydronautica	<p>Hydronautica</p> 	✓	✓	✓	<p><b>EMA-I-K-04.02</b> Engine Neutral Switch Module</p>	No ready-made cables
Bellmarine	<p>Bell-Control</p> 	✓	✓	—	<p><b>EMA-I-K-04.01</b> Engine Neutral Switch Module</p>	<p><b>ECA-04.01.04</b> Option plugs + cables for Bellmarine Bell-Control (per engine)</p>

✓ – supported

✗ – not supported





— – not available

## 3. THRUSTERS

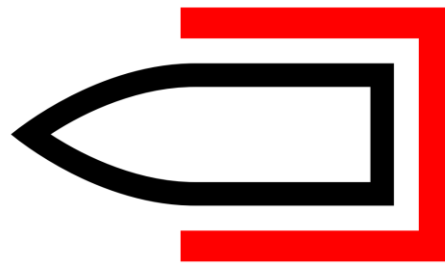
Dockmate RED supports only analogue thruster panels, that can be controlled with a basic Dockmate On/Off Thruster Module.

If a special module is required, then that thruster control is not supported.

### 3.1. LIST OF SUPPORTED THRUSTERS

Brand	Version	Thruster Module	Manual ID + Remarks
Side-Power	On-Off 	<b>TMA-03.02</b> Thruster Module with automatic on / off	<b>TCA-03.02.01</b> Connecting cable for Side-Power analogue bow thruster auto on / off (one thruster)  <b>TCA-03.02.02</b> Connecting cable for Side-Power analogue bow and stern thruster auto on / off
	S-Link 	<b>TMA-03.02</b> Thruster Module with automatic on / off	<b>TCA-03.02.01</b> Connecting cable for Side-Power analogue bow thruster auto on / off (one thruster)  Use of S-Link external switch interface Sleipner part number: 8730 One 8730B for bow and one 8730S for Stern    The S-Link external switch interface is not supplied by Dockmate.  It can be sourced from Sleipner dealer.
Quick	On-off 	<b>TMA-03.02</b> Thruster Module with automatic on / off	<b>TCA-03.03.04</b> Connecting cable for Quick thruster (per thruster)  One module per thruster

Brand	Version	Thruster Module	Manual ID + Remarks
Max Power	On-Off 	<b>TMA-03.02</b> Thruster Module with automatic on / off	<b>TCA-03.03.06</b> Connecting cable for Max Power control panel with WAGO plug(s) (per thruster) One module per thruster
Craftsman	On-Off 	<b>TMA-03.02</b> Thruster Module with automatic on / off	<b>TCA-03.03.05</b> Connecting cable for Craftsman thruster (per thruster) One module per thruster
Wesmar	Hydraulic proportional thrusters 	<b>TMA-03.02</b> Thruster Module with automatic on / off	No ready-made cables
Engbo	XForce 	<b>TMA-03.02</b> Thruster Module with automatic on / off	No ready-made cables
Lewmar	Electric On-Off 	<b>TMA-03.02</b> Thruster Module with automatic on / off	<b>TCA-03.03.03</b> Connecting cable for Lewmar thruster (per thruster) One module per thruster
Generic brand	On-Off 	<b>TMA-03.02</b> Thruster Module with automatic on / off	No ready-made cables



**dockmate**<sup>®</sup>  
EXPLORE THE WORLD

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