

TWIN DISC EC300 POWER COMMANDER®  
MARINE ELECTRONIC PROPULSION CONTROL SYSTEM



**THE ULTIMATE  
CONTROL**

## CONTROL STATION 1

PORT

STARBOARD

### VERSATILE

Take precise control of your boat with the Twin Disc EC300 Power Commander® marine electronic propulsion control system. It's designed to interface with all popular electronic engines and transmissions, including the revolutionary new Twin Disc QuickShift® transmission.

The EC300 system is expandable to include Express Joystick System® stations. Additional design-specific versions are available for dynamic positioning and automatic trimming capabilities.

### SIMPLE

The fly-by-wire concept behind the EC300 makes the system remarkably easy to install on a new boat or retrofit on an older one. Multi-processor computer power makes this system user-friendly from checkout of the initial installation to final and full enjoyment of the control system's capabilities.

### INTUITIVE

This highly sophisticated electronic platform can be easily taught your preferred operating settings, making hunting for a specific "sweet spot" a thing of the past. With literally one finger on one lever, you can control engine and propeller speed of one to eight shaft lines, courtesy of the EC300's single lever synchronization.

### RELIABLE

Electronic control technology is used on the most sophisticated vehicles in the world, from airplanes to earthmovers. They couldn't perform the way they do without it. The EC300 brings a higher level of performance, reliability and adaptability to your boat.



6 ON SHEET 1  
4 PLACES

S, WIRING  
1 SERIES

CONTROL HEAD  
SEE CHART  
NOTE 7 ON SHEET 1  
2 PLACES

IN UNUSE

\* CONN  
10207

1023879

1023879

CUSTOMER SUPPLIED WIRE -  
ECM POWER SUPPLY

\* CONNECTOR KIT  
1020013

INSERT SEALING PLUG  
IN UNUSED CONTACT POSITIONS

BOND WIRE REQ'D  
SEE DETAIL 'A' AND  
NOTE 2 ON SHEET 1

CUSTOMER SUPPLIED WIRE -  
ECM POWER SUPPLY  
CONNECT FROM J8-2 TO J5-1

EXPRESS  
STATION SELECT





## COMPATIBLE

While the EC300 system is fully compatible with all popular propulsion options, it has been specifically engineered to operate with the Twin Disc QuickShift transmission and is the only control system approved to operate the QuickShift EXPRESS mode. The fully programmable features of the EC300 combined with the smooth, precise and ultra-fast operation of the QuickShift transmission put ultimate control in your hands.

## CAPABLE

The EC300 system can easily accommodate multiple drive lines, multiple control head types and up to eight control stations placed at various points around the boat. The system is fully upgradeable to allow future versions to be seamlessly integrated without requiring major component changes. For example, the Express Joystick System (EJS™) is a recent upgrade.

## RUGGED

Featuring cast aluminum control boxes with heavy duty stainless steel leverheads, the EC300 system can easily be installed virtually anywhere on your boat. It's built to endure even the harshest conditions.



\*CONNECTOR KIT  
10206  
INSERT SEALING  
IN UNUSED CONTACT POS

BOND WIRE REQ'D  
SEE DETAIL "A" AND  
NOTE 2 ON SHEET 1

CONTROL

CONNECTOR KIT

SEALING PLUG  
AND CONTACT POSITI

## AND MORE

- Programmable features make propulsion re-powering simple because prior system configuration can be downloaded and re-entered on new system
- Simple, robust and easy to use diagnostic system
- J1939 and NMEA2000 coms available for data broadcasting



- Accepts 10 to 30 volt systems
- Operator selectable minimum shaft speeds in Express and Troll modes
- Software selectable methods for station transfer
- Designed to meet and exceed major classification society standards
- Interactive feature allows easy adjustment of key operating parameters
- Configurable operation of accessories such as PTO, shaft brake and stabilizers

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