

BACKUP PROPULSION CONTROL SYSTEM

For use with EC300 Power Commander® and Twin Disc marine transmissions.



FEATURES & BENEFITS:

- Provides fully redundant and independent propulsion control of EC300 Power Commander systems used with electronically governed engines and Twin Disc QuickShift® or standard marine transmissions. The only shared component between the two systems is the harness going to the engine and transmission.
- Interface box for interfacing both a primary and secondary EC300 control system for a twin engine application.
- Selector panel, with indicator for Backup Mode, selects between primary and secondary EC300.
- Secondary EC300 operates off a standard control head, making transition to backup simpler for the operator.
- Secondary EC300 system can be configured to provide the same operating modes as the primary system: Cruise, Express, Sync, Troll.
- Interface box has integral “direction confirmation” feedback for engine systems which require potential free contacts to confirm ahead, neutral and astern.
- Integrated neutral start interlock to inhibit engine start when either the secondary EC300 is commanding clutch engagement, or the marine transmission manual override is engaged.
- For use with either analog or digital EC300 control systems.
- Option for backup control of Twin Disc marine transmission with internal shaft brake.

TECHNICAL SPECIFICATIONS:

- Battery power: 24VDC nominal
- Dual power inputs
- Sealing: IP55 (interface box)
- Operating temperature -40 to 70 degree C
- Alarm relay for loss of power



EC300 POWER COMMANDER



Specifications subject to change without prior notice in the interest of continual product improvement. Contact your local Twin Disc representative for engineering specifications. Patent pending.

Scan QR code to see the entire Twin Disc Marine product line.

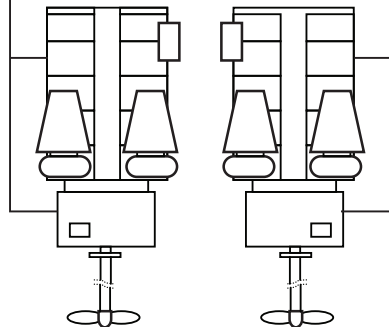


TWIN DISC-SUPPLIED OPERATOR PANEL

PRIMARY EC300 SYSTEM



SECONDARY EC300 SYSTEM



For nearly a century, we've been making boats perform better and more reliably. From system-design consultation to application development to in-service support, Twin Disc provides fully integrated propulsion solutions that will optimize your craft's performance, reliability and safety over the years. Bring Twin Disc aboard early in the development process, and you'll enjoy a lifetime of enhanced operating value.

TRANSMISSIONS • ELECTRONIC CONTROLS • EXPRESS JOYSTICK SYSTEM* • SAILDRIVES • EXPRESS POSITIONING* • ARNESON SURFACE DRIVES • MARINE CONTROL DRIVES • ROLLA PROPELLERS • BOW & STERN THRUSTERS • STEERING SYSTEMS • RUDDERS • TRIM TABS



Twin Disc, Incorporated
 Racine, Wisconsin 53403 USA
 Phone +1-262-638-4000
 Fax +1-262-638-4482
www.twindisc.com

Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our catalog. Users are also reminded that safe operation depends on proper installation, operation and routine maintenance and inspection under prevailing conditions. It is the responsibility of users (and not Twin Disc, Incorporated) to provide and install guards or safety devices which may be required by recognized safety standards or by the Occupational Safety and Health Act of 1970 and its subsequent provisions.

United States of America • Australia • Belgium • Canada • China • India • Italy • Singapore • Switzerland

TD-Bulletin-EC300_Backup-A
 © 2016, Twin Disc, Incorporated
 Printed in the USA - 09/2016