



Elegant and modular, EVOLVE® redefines cabin control through intelligent design. Whether forward fit or retrofit, EVOLVE installs cleanly, performs flawlessly, and elevates passenger interaction with minimal intrusion.

Signature Features

- **Patented Wireless Architecture** — Minimizes aircraft wiring and labor, enabling fast installations
- **Custom Touch Interfaces** — Sizes from 3.5" to 7.0" with LED illumination and customizable interface
- **Modular Switch Panels** — Replace legacy components with minimal footprint and maximum flexibility
- **Additive Manufacturing** — Lightweight, precision-fit hardware tailored for any cabin configuration
- **Software Suite** — Enables on-wing reconfiguration and live logic tuning
- **Full CMS Ecosystem Integration** — Controls Empire, Elite and Explore video, and Elevate audio for complete cabin orchestration
- **Haptic Feedback** - provides positive feedback when using the touch screens

Quiet by nature. Powerful by design.

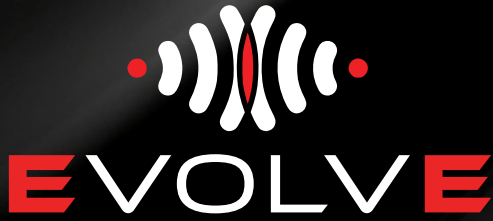
Silent, responsive, and effortlessly adaptable — EVOLVE empowers passengers with control that disappears into the design, yet responds with precision.



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EVOLVE® Cabin Control System

Smart. Seamless. Unmistakably CMS.

BY CABIN MANAGEMENT SOLUTIONS



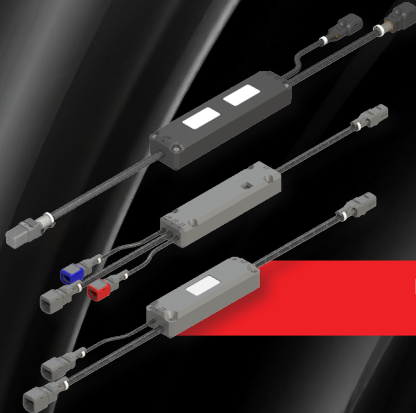
Cabin Management Unit (CMU-CR)



Cabin Management Unit (CMU)



Motor Controller



**Dongles for I/O expansion
and local control**

Touch Display Panel Options

3.5" | 3.8" | 4.3" | 5.0" | 7.0"

Switch Panel Configurations

1x1, 1x2, 1x3, 1x4, 1x5, 2x3, 3x2

Cabin Management Unit (CMU-CR)

- Direct (form/fit) replacement for competitors environmental controller
- 24 discrete in
- Four (4) 0-30 VDC outputs, 14 relay outputs, 16 LO (toggle/momentary) out
- 3 ARINC 429 RX, 1 ARINC 429 TX, 2 RS485 I/O

Cabin Management Unit CMU

- 32 oz nominal
- 1A max @ 28VDC
- 4 ADC in, 4 RTD in, 24 discrete in
- 6 POT out, 24 relay outputs, Six (6) 0-30 VDC outputs
- 3 RS-485 I/O, 2 RS-232 I/O
- 2 RJ45 100Base10· 24 discrete in

Motor Controller

Originally designed to drive window shades, this controller can be used to power a monitor lift, motorized cabin doors, etc. Fully configurable for speed, limit, direction

- Drive 2 stepper motors independently
- Control protocol:
 - CMS proprietary Wireless
 - Ethernet
 - RS485
 - Discrete

Dongles

Used to provide local input/output/control

- Hi/Low relay dongle
 - 4 Hi-Side FETs
 - 2 Lo-side FETS
- Dual Discrete Relay dongle
 - 2 internal relays, rated at 2 amps
- Low relay dongle
 - 6 Lo-side FETs
- Potentiometer dongles
 - Provide variable resistance output

Install Fast. Perform Faster. Lead Always



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