AC3801

8 Duty 1 Standby Manual Amplifier Changeover



The **AC3801** is a manual amplifier changeover unit built to ensure system reliability and operation continuity by switching to a standby amplifier if a duty unit fails. It manages up to 8 duty amplifiers with 1 standby and can be scaled for larger installations

With its priority changeover, it ensures a more essential duty amplifier is prioritised for takeover and does not cause standby unit being overloaded. Switching can be done manually via front panel or automatically when used with AFS-enabled amplifiers like Amperes QD2000 Series or QP2000 Series.

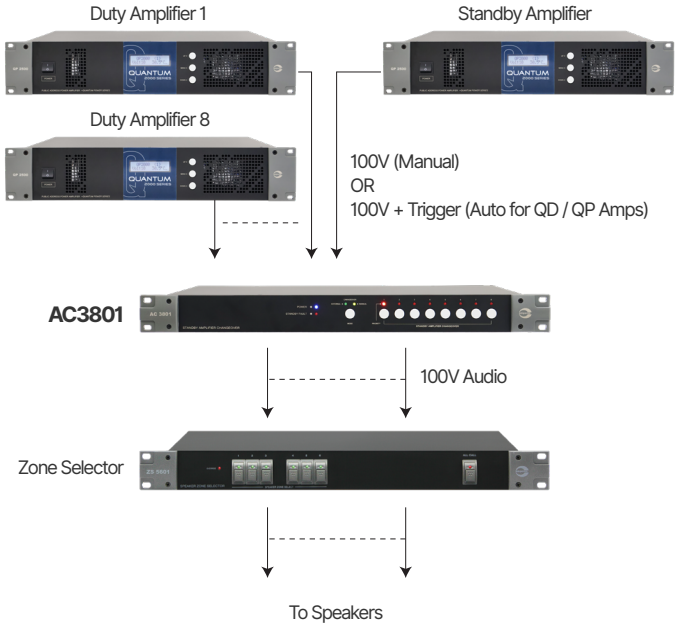
Key Features

- **8 duty and 1 standby** amplifiers per device
- **1000W** per channel rating
- **Manual changeover** (via front panel) or **automatic changeover** with AFS-enabled amplifier)
- **Priority switching to prevent overload** with single unit takeover (higher unit takes precedence)
- **Dual I/O changeover** with manual and auto switching
- Single standby amplifier can support more than 8 duty amplifiers with **cascading**

Technical Specifications

Operating voltage	24V DC, 0.2A (Max 500mA)
Power consumption	**Standby**: 82 mW, 3.4 mA **Operating**: 1.3W, 50 mA
Zone load rating	1000W at 100V line input
No. of amplifier inputs	8 duty , 1 standby (8+1)
Changeover indication	Front panel LED for duty amplifier being changeover
Switching mode	**Manual**: Via front panel switches **Auto**: Remote trigger via AFS-enabled amplifier
Cable connections	Phoenix connectors
Cascade capacity	Unlimited (recommended 3 units)
Cable size	Up to 2.5mm sq
Dimensions (W x H x D)	482 x 44 x 180 mm
Net weight	2.30 kg

Application Schematic for AC3801



Packing Information

Carton size	555 (L) x 295 (W) x 95 (H) mm
Gross weight	2.90 kg
Qty/carton	1 unit per carton