



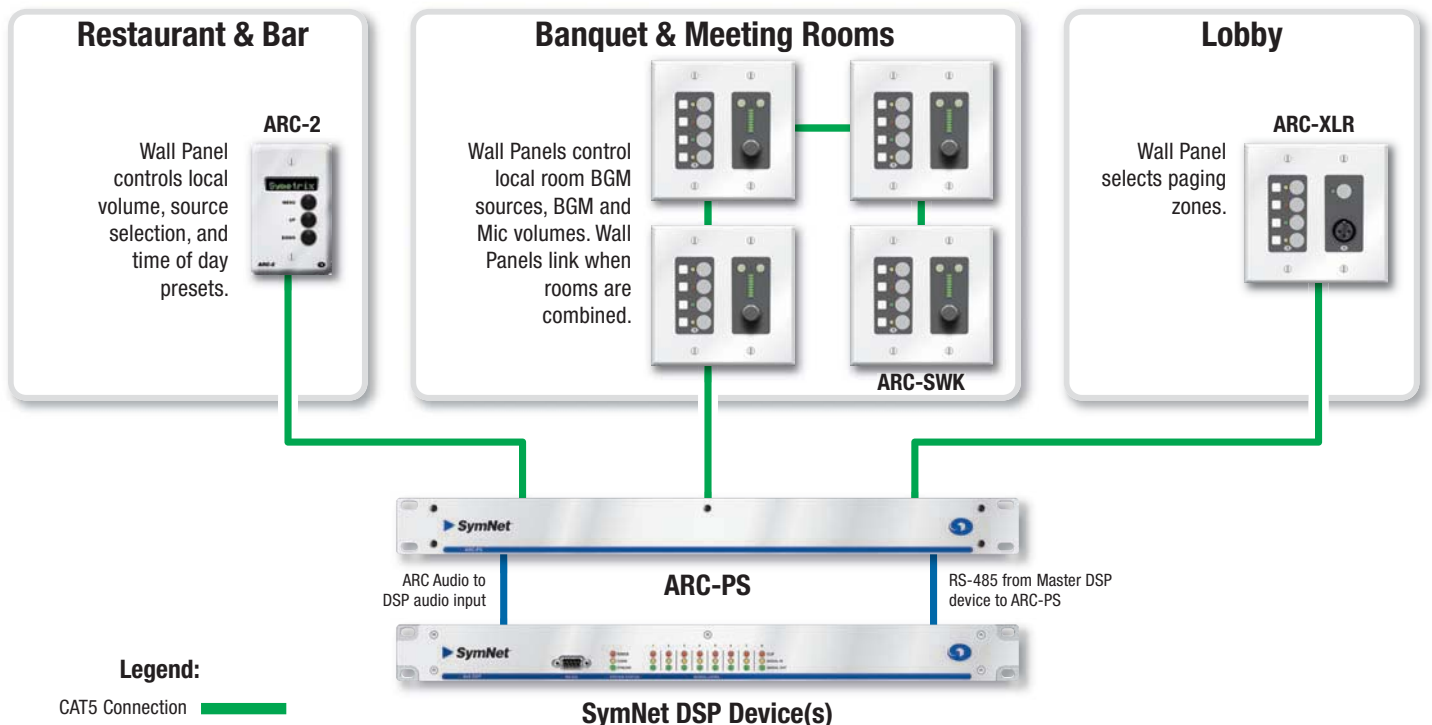
ARC-PS

The **ARC-PS** is a nineteen (19) inch rack-mountable power supply capable of supplying power and control over CAT5 cable to a maximum of ten ARC Wall Panels. Panels can be connected in a “star” configuration, “daisy-chain”, or a hybrid of the two. RS-485 from a DSP

device is connected to the ARC-PS Euroblock connector. The device includes eight (8) RJ-45 connectors for CAT5 cable, and corresponding Euroblock connectors for eight (8) discrete channels of ARC Audio.

Specifications	
GENERAL SPECIFICATIONS	
RS-485 serial I/O	Data pass-through wired in parallel with STP cable.
ARC Cable	Standard CAT5, distance dependent upon load.
ARC output voltage	15 VDC (dependent upon power supply)
ARC maximum output current	1.3 A per port, 1.3 A total

Hotel Application

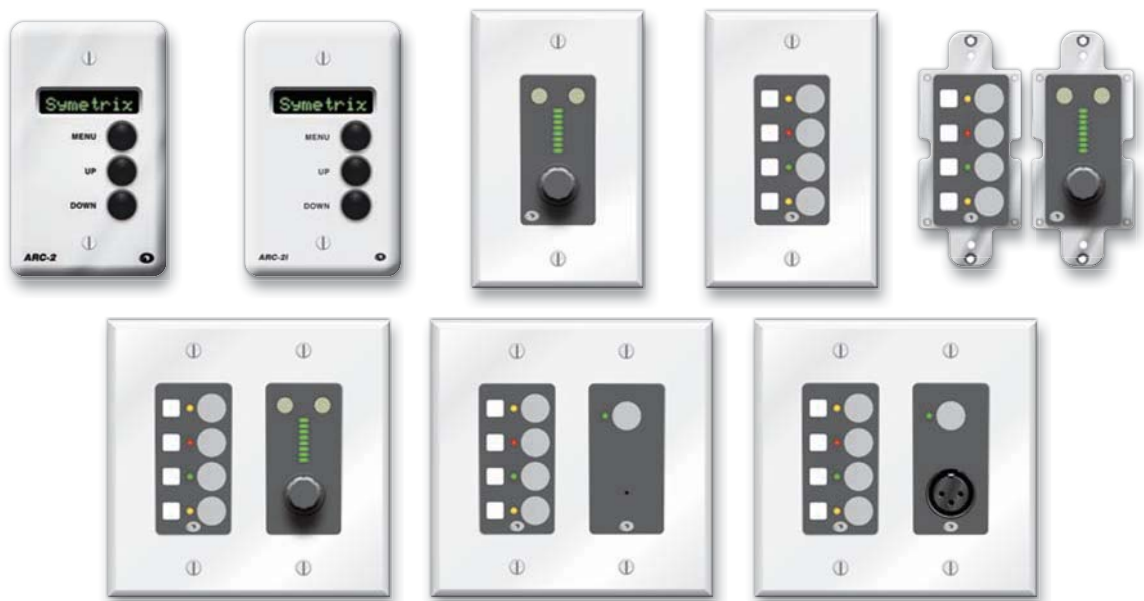




- 1 Main Power:** Accepts power from Symetrix PS-4 (included) power supply only (100-240 VAC, 50-60 Hz, 15 VDC output, 20 Watts max).
- 2 RS-485:** Connects the SymNet system's RS-485 bus, wired in parallel (A to A, B to B and GND to GND) using shielded twisted pair.

- 3 Remote ARCs (x8):** Distributes power and RS-485 data to one or more ARC devices.
- 4 ARC Audio (x8):** Splits a single analog line level audio signal off of the ARC port. Can be wired to a line level analog input or output jack for remote audio over CAT5.

The ARC-PS powers the full line of Adaptive Remote Controls



Mechanical Data

Item	Specifications	Remarks
Space Required	1U (WDH: 48.3 cm x 10.2 cm x 4.37 cm / 19 in x 4.0 in x 1.72 in). Depth does not include connector allowance.	Allow at least 1 inch additional clearance for rear panel connections. Additional depth may be required depending upon your specific wiring and connections.
Electrical	100-240 VAC, 50-60 Hz, 15 VDC output, 20 Watts maximum.	No line voltage switching required.
Ventilation	Maximum recommended ambient operating temperature is 30 C / 86 F.	The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
Shipping Weight	2.0 kg (4.4 lbs.)	

Architect and Engineer Specifications: SymNet ARC-PS.

The nineteen inch rack-mount wall panel power supply shall provide eight ARC ports on RJ-45 connectors, eight ARC Audio ports on plug-in barrier-strip connectors, and RS-485 interface on one plug-in barrier-strip connector. The device shall function as a power supply and RS-485 data router for SymNet ARC wall panels. The rack-mount wall panel power supply shall be CE marked, CSA tested to UL 60065.

The rack-mount wall panel power supply shall be ARC-PS.

