

ASD-120 2.0 6 CHANNEL SEQUENCING POWER DISTRIBUTOR

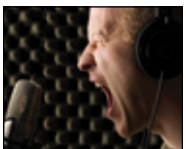


The ASD-120 2.0 is a six channel power sequencing device intended for use in installations where multiple electrical loads must be powered on and off in a delayed and orderly sequence. Typical applications for the ASD-120 2.0 include: touring PA or sound reinforcement systems, musical or theatrical acts, mobile recording facilities, and on-location film or video shoots. Essentially, any situation where AC power must be distributed to multiple circuits and activated or deactivated in discrete stages would benefit from the use of an ASD-120 2.0.

Applications for:



PRO AUDIO



RECORDING



DJ EQUIPMENT



INSTRUMENT RIGS

PRODUCT FEATURES

- 120 amp 120 volt AC sequenced distro and controller
- Six Independent 20 amp circuits @ 120V - 120 amp total load capacity
- Six delay banks with rear panel NEMA 5-20R duplex outlets and optically isolated DC relay outlets
- Front panel status power LED, Bypass Switch and Circuit Breaker for each Delay Bank
- 120A power distribution block accommodates 120V/240V single phase, or 120/208-Y three phase power
- X Y Z Status LED confidence indicators for each Input Phase
- Sequence unit ON or OFF from front panel or by remote switch
- Independent three position switches to power sequence (SEQ) or Bypassed ON or OFF each Bank
- Adjustable Delay with up to 7 Minute Interval between Banks, Total maximum Sequence Time 35 minutes
- Remote interface with an isolated 12VDC, 250mA power source for external secondary applications
- Signal level relay contacts (NO or NC) used to control and sequence other units
- Front panel key switch and anti-tamper DIP cover for added security
- Force Off emergency shutdown
- Rugged two rack space (2RU) chassis



6 Bank External Relays



12 Total AC Outlets



Six 20A Distribution Circuits



Indicator Lights



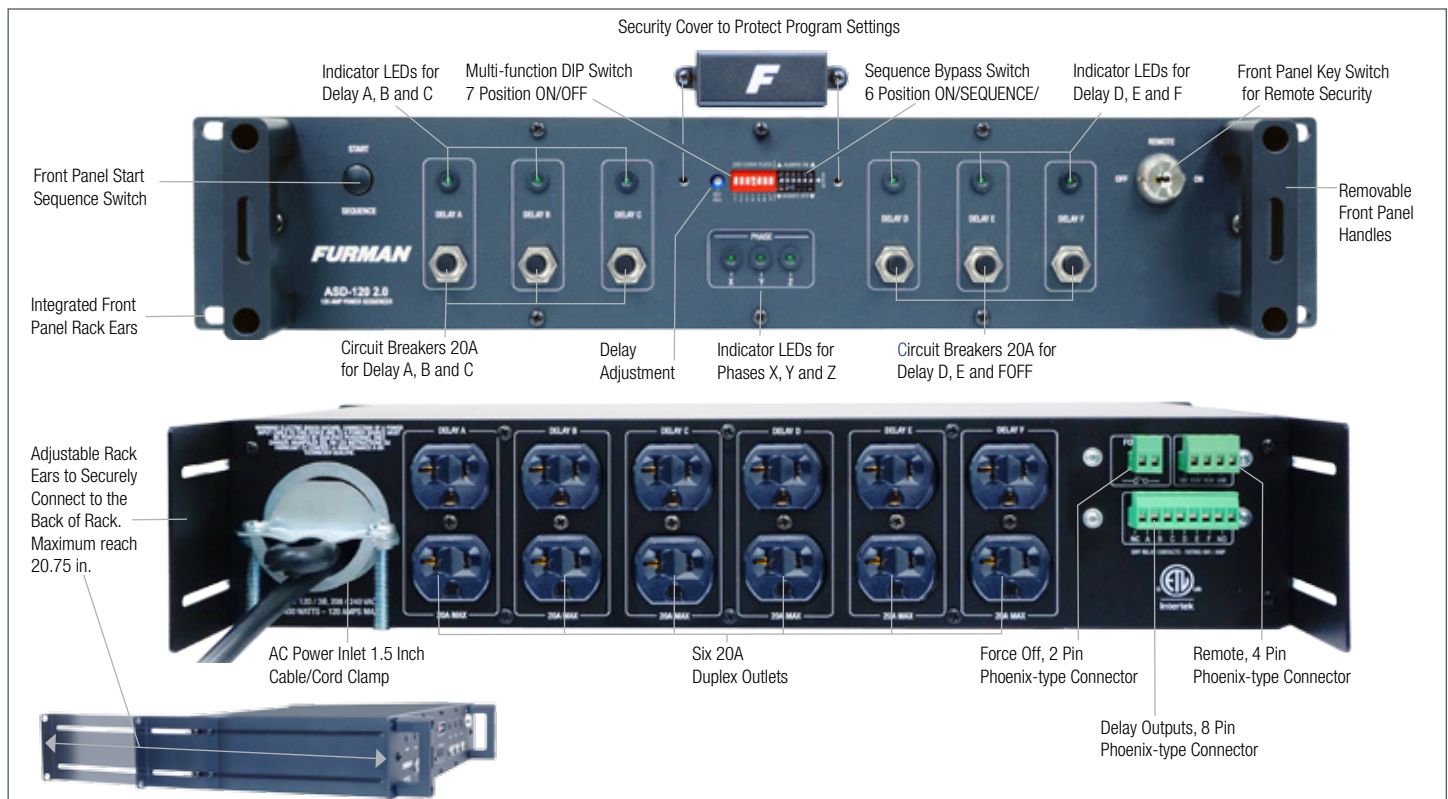
Power Sequencing



Security Keyswitch

Please Note: Because the ASD-120 2.0 switches hazardous voltages and high currents, we recommend that the installation be performed by a qualified electrician. For safe operation, the ASD-120 2.0 must be installed in accordance with local/municipal requirements and the National Electrical Code (NEC). Please feel free to contact Furman Technical Services if you have any questions or concerns regarding the installation, operation or application of the ASD-120 2.0.

FRONT and BACK PANEL FEATURES



SPECIFICATIONS

AC Input Voltage

120/240V single phase, or 120/208V three phase.
 Input Current: 120 Amps maximum
 Output: Six, 120V 20A circuits

Maximum AC Current Rating

Six, 120V 20A circuits for 120A total.

Power Distribution Block

Wire Gauge 2, 3, 4-6 AWG,
 Phase indicators: 3 LEDs, one per phase X, Y, and Z

AC Output Receptacles

Rear Panel Outlets: 6 duplex NEMA 5-20R sequenced.
 Front Panel: 6 thermal circuit breakers, one per duplex pair.

Operating Temperature and Humidity

5 to 40C (40 to 105F), <90% Relative Humidity

User Interface

Key-switch: Front panel, 3 position (On/Off/Remote)
 Keys: Included, 1 pair
 Push Button Switch: Front panel
 Circuit Breakers: Front panel, push-button; 6, 20A Thermal Breakers
 Output Circuit Status: Front panel indicators – one per output
 Configuration Switches: Front panel, hidden by security cover;
 3 maximum delay switches – 1, 2, and 4 minute
 Force Off NO/NC, 12V mode On/Off, GND mode ON,
 Momentary/Maintained mode selection
 Fine Delay Adjustment: Potentiometer hidden by security cover.
 Sequence Bypass : 6 Switches, 3 States (ON/SEQUENCE/OFF)
 Phase indicators: 3 LEDs, one per phase X, Y, and Z



Control/Status/Triggering (Rear Panel)

Remote Terminal: Phoenix-type 4 Pin Connector w/Screw Terminals;
 +12V @ 250mA, STAT, REM, GND (Class 2 wiring)
 +5 to 30VDC at REM input terminal.
 Delay Outputs: Phoenix-type 8-Pin Connector with Screw Terminals
 6 relay contacts with NO and NC common connections (Class 2 wiring)
 A, B, C, D, E, and F relay contacts switched with output circuits, 1A@48VDC
 Force Off: Phoenix-type 2 Pin Connector with Screw Terminals;
 Optically isolated, 12V, 10mA current source (Class 2 wiring)
 Senses external relay contact closure

Power Consumption

Standby: 5 Watts
 Sequenced ON: 20 Watts

Safety Agency

NTRL-C, RoHS Compliant

Specifications are subject to change without notice due to design improvements and upgrades.

WEIGHTS, DIMENSIONS AND UPC CODES

MODEL	PRODUCT DIMENSIONS	WEIGHT	CARTON DIMENSIONS	WEIGHT	SINGLE UNIT UPC	MASTER PACK QTY	MASTER PACK UPC
ASD-120 2.0	19" L x 10" D x 3.5" H	16 lbs.	22"L x 18.5"D x 8"H	18 lbs.	654061041191	2	50654061041196

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