

ARCHITECT'S and ENGINEER'S SPECIFICATIONS
Sound system A.C. power Sequencing Panelboard

All A.C. power for the sound system shall be supplied from a time sequenced source capable of being remote controlled from multiple locations.

A means of visual operator feedback shall provide an indication of the progress of the power turn-on or turn-off sequence at each control point.

Time between sequence steps shall be adjustable from 1/8 second to 1 second.
Sequencing shall have a time delay adjustable between the low-level equipment circuits and the power amplifier circuits. The delay time shall have a field adjustable range from 1 second to 8 minutes.

The system shall have brownout (undervoltage) protection; monitoring the line voltage and triggering an automatic shutdown if the line voltage drops below 95 volts for more than 2 seconds. The system shall automatically re-sequence to on state when power resumes and remains above 105 volts for more than 5 seconds without operator intervention.

The sequencing system shall have emergency shutdown capability triggered by external contacts or the sound system operator.

Un-sequenced circuits, as required, shall be supplied from the same A.C. source so that a single lever main circuit breaker is dedicated to the sound system.

Three phase sequenced panelboards shall have 200% neutrals.

Single phase sequenced panelboards shall have a single neutral.

All sequenced panelboards shall have a separate and attached isolated technical ground section.

All branch circuit breakers shall be bolt-on.

Manufacturer shall warrant specified equipment to be free from defects in materials and workmanship as follows: at least (15) months from date of purchase for line voltage equipment; at least (5) years from the date of purchase for control electronics.

The sound system power sequencing shall be the LynTec model MSP xxx series Sequencing Panelboard.

LynTec — 800-724-4047 — www.lyntec.com

Models:

Single Phase, 65k AIR: **MSP 141-12, MSP 141-24, MSP 141-36, MSP 141-48, MSP 141-60**

Balanced Power, 60v-0-60v, 65k AIR: **MSP 119-12, MSP 119-24**

Three Phase, 65k AIR: **MSP 341-12, MSP 341-24, MSP 341-36, MSP 341-48, MSP 341-60**

This document available in Word format:

http://www.lyntec.com/139-0339_PnlBrd_A&E_Spec.docx

Most recent version pdf:

http://www.lyntec.com/139-0339_PnlBrd_A&E_Spec.pdf

139-0339-06_PnlBrd_A&E_Spec 10/10/11