

# Planning and Layout Worksheet

## MSP 338-xx Sound System Sequencing Panelboard

For 42 circuit panels requiring main breakers rated at 100 Amps or less.

Breaker types, sizes, positions and connections

Job \_\_\_\_\_

Panel \_\_\_\_\_

Comments \_\_\_\_\_

by \_\_\_\_\_ Date \_\_\_\_\_

Transfer as-built information to the door label upon completion.

Keep this sheet for as-built documentation

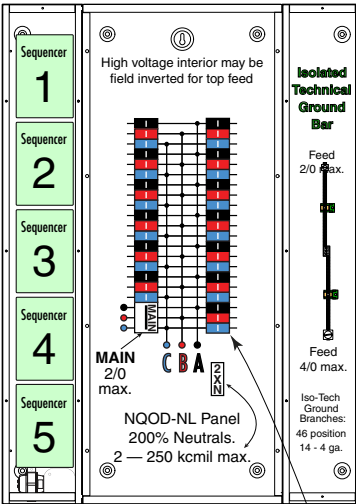
Available as PDF download  
[www.lyntec.com/139-0264\\_MSP338Plnr.pdf](http://www.lyntec.com/139-0264_MSP338Plnr.pdf)

Each motorized breaker is controlled by a sequencer.  
 As-built door label example:  
 Step # **1a** (1a) (# in parenthesis is *suggested* breaker connection in sequencer).  
 Bold line around box  = *suggested* sequencer board: #1 (Top), #2, #3, or #4.  
 Fill in  box to indicate which sequencer board this breaker is connected to.

**Low voltage control Wiring Diagram located inside left cover.**

[www.lyntec.com/139-0327\\_SequencerLV\\_Wiring.pdf](http://www.lyntec.com/139-0327_SequencerLV_Wiring.pdf)

**MSP 338-xx**  
 Modular Sequencing Panelboard  
 3Ø, 208Y/120 Vac, 4 wire.  
 100 Amp back-fed Main, (all 22k AIR)  
 Cabinet Outline — Surface mount only



Outside Dimensions  
 36" w., 50" h., 6.13" d.

Square D NQOD-NL Panel with LynTec sidecars.

Standard back-fed Main Breaker:  
 QO3100VH. 100A, (VH = 22k AIR).  
 [Amps Interrupt Rating]

Main Options:

-M3030, -M3035: 10kAIR

QO30xx

-M3050, -M3060,

-M3070 or -M3090 Amps

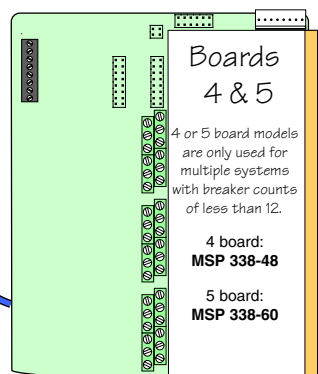
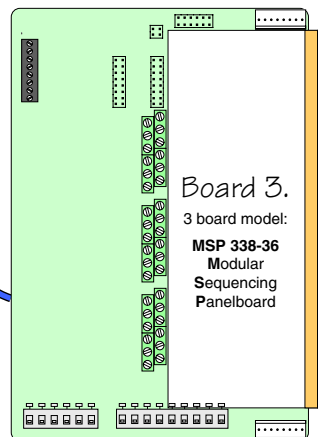
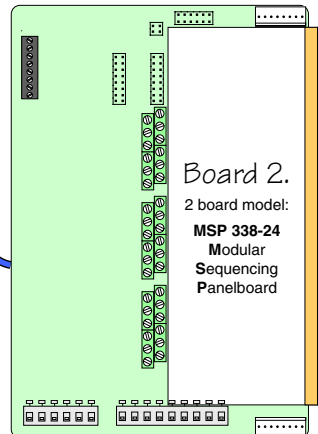
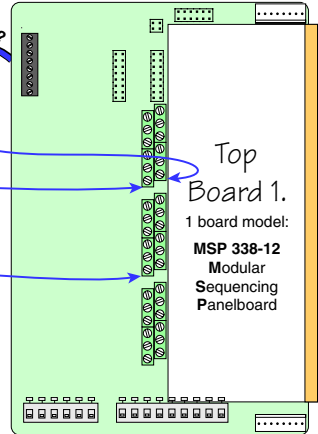
QO3xxVH (all 22k AIR)

Wire: #4 - 2/0 kcmil Cu.

1	A	2
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1b)
3	B	4
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2b)
5	C	6
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (3a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (3b)
7	A	8
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (4a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (4b)
9	B	10
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (5a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (5b)
11	C	12
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (6a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (6b)
13	A	14
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1b)
15	B	16
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2b)
17	C	18
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (3a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (3b)
19	A	20
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (4a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (4b)
21	B	22
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (5a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (5b)
23	C	24
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (6a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (6b)
25	A	26
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1b)
27	B	28
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2b)
29	C	30
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (3a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (3b)
31	A	32
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (4a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (4b)
33	B	34
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (5a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (5b)
35	C	36
Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (6a)		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (6b)
37	Phase A	38
<b>MAIN</b>		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (1b)
	Phase B	
	Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2b)	
39	Phase C	40
<b>SEQUENCER POWER</b>		Amp. <input type="checkbox"/> Un-motorized. <input type="checkbox"/> Motorized-Step # ____ (2b)
		10 Amp un-motorized breaker supplied installed.
41		42

MS-12 Sequencer circuit boards in left-hand, low voltage cabinet

Which board?



[www.LynTec.com](http://www.LynTec.com)

Voice 800-724-4047

8-5 Central Time