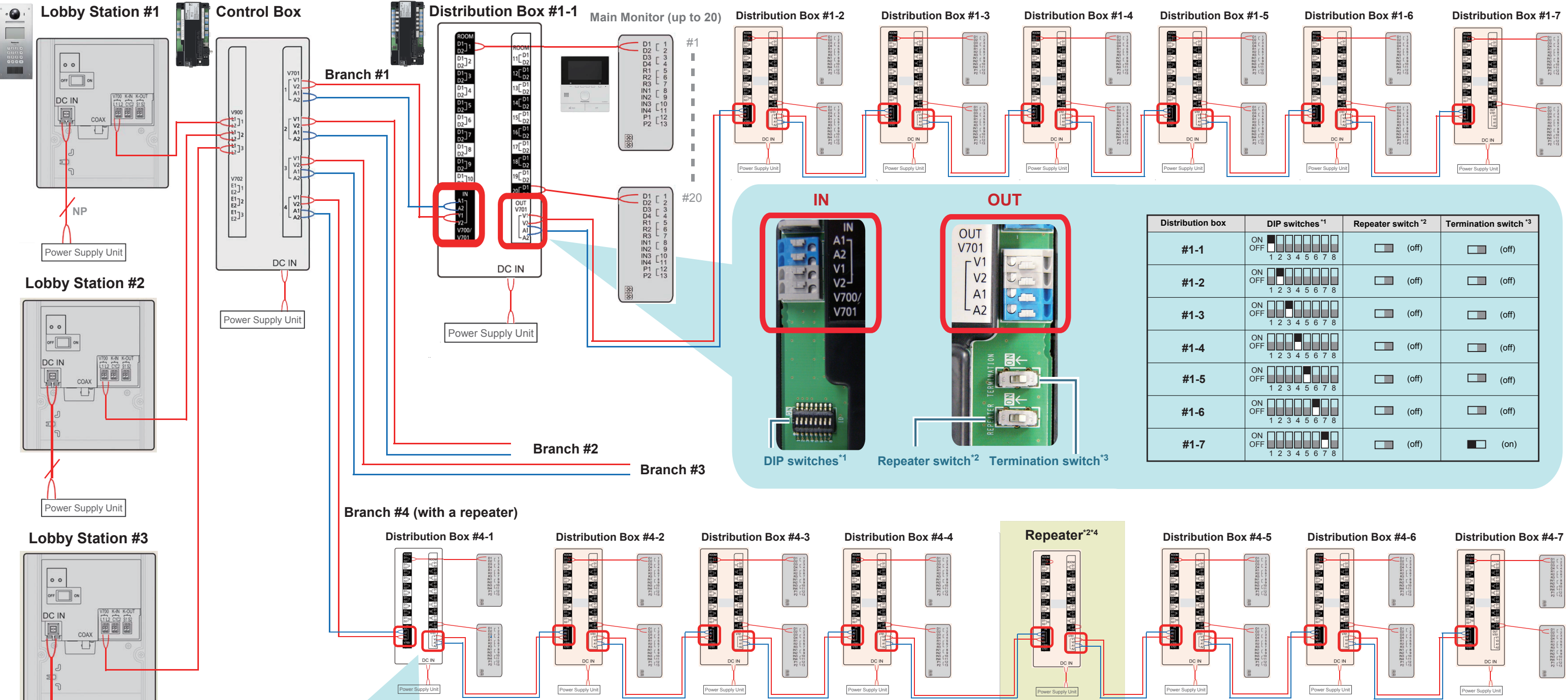


Lobby Station [VL-V900] 3 units  
Control Box [VL-V700] 1 unit  
Distribution Box [VL-V701] 28 units  
Main Monitor 560 units

# VL-V900, VL-V700 and VL-V701 Wiring Schematics

Panasonic

< Distribution Box : 4 Branches x 7 series connection x 20 distribution = 560 units >



Distribution box	DIP switches <sup>*1</sup>	Repeater switch <sup>*2</sup>	Termination switch <sup>*3</sup>
#1-1	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#1-2	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#1-3	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#1-4	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#1-5	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#1-6	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#1-7	ON OFF 1 2 3 4 5 6 7 8	(off)	(on)

Distribution box	DIP switches <sup>*1</sup>	Repeater switch <sup>*2</sup>	Termination switch <sup>*3</sup>
#4-1	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#4-2	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#4-3	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#4-4	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
Repeater <sup>*2,4</sup>	ON OFF 1 2 3 4 5 6 7 8	(on)	(on)
#4-5	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#4-6	ON OFF 1 2 3 4 5 6 7 8	(off)	(off)
#4-7	ON OFF 1 2 3 4 5 6 7 8	(off)	(on)

Note:

- \*1 Each DIP switch setting can only be used one time per branch. The number 8 switch must always be set to the "off" position. Only one DIP switch is set to the "on" position. All others are set to the "off" position.
- \*2 In repeater mode, the repeater switch of one distribution box in the branch is set to the "on" position. All others are set to the "off" position. Only one distribution box per branch can be used in repeater mode. Main monitors cannot be connected to a distribution box that is set to repeater mode.
- \*3 The termination switch of the last distribution box in the branch is set to the "on" position. All others (except for a distribution box that is operating in repeater mode) are set to the "off" position.
- \*4 The distribution box functioning in repeater mode can be located between the control box and a distribution box, or between 2 distribution boxes.

Wiring Distance \* Use PE(polyethylene)-insulated cables.

Wiring run	Wire diameter	
	0.65 mm (22 AWG)	1.2 mm (17 AWG)
Lobby Station - Control Box	100 m	200 m
Control Box - Distribution Box (Standard Mode)	100 m	200 m
Distribution Box (Standard Mode) - Main Monitor	100 m	200 m
Control Box - Distribution Box (Repeater Mode)	100 m	200 m
Distribution Box (Repeater Mode) - Distribution Box (Standard Mode)	100 m	200 m