LLEVO-INT-2 Pre-Programs - F1 Vacancy

LLEVO-INT-2 controllers are shipped with two pre-programs, F1 Vacancy and F2 Occupancy
The Chart below details the operation provided for LightSync G3 MZD switches and LightSync Wall and Ceiling Sensors
When connected to a additional LLEVO-INT-2-RC panel (Address 82) the 2nd panel will provide for Zones 3 & 4 (R5&6)

		LightSync digital switches				LightSync Wall Sensor switches								
Node		**Vacancy All**	**Room: 1**	**Room: 2**	**2-Zone**	**Room: 1**	**Room: 2**	**2-Zone**	**Combine**	**LS Ceiling Sensor - Vacancy all loads**				**4-Zone**
Address:	PC(RJ-45)	Input:1(RJ-45)	LSG3-1-MZD	LSG3-1-MZD	LSG3-2-MZD	LSWS-1-MZD	LSWS-1-MZD	LSWS-2-MZD	**Vacancy All**	LSCS	LSCS	LSCS	(LSCS-PC)	LSG3-4-MZD
F1	LS: 01	LS: 02.1	LS: 04	LS: 05	LS: 06 (07)	LS:08 (09)	LS:0A (0B)	LS: 0C (0D)	LS:30.1	LS:10	LS:11	LS:12	LS:13	LS: 0E (0F)
	Unused	R1,2,5,6 Off	PB Toggle	PB Toggle	PB Toggle	R1 Occ-Off	R2 Occ-Off	R1,2 Occ-Off	R1,2,5,6 Off	R1,2,5,6 Off	R1,2,5,6 Off	R1,2,5,6 Off	30-Sec Filter	PB Toggle
		R3 On/Off	R1	R2	R1,2	R5 (PL)	R6 (PL)	R5,6 (PL)					D:01.1 Full	R1,2,3,4
MSB / LSB		On-Dim 50%	On/Off	On/Off	On/Off	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	D:01.2 -10%	On/Off

Hardwired PC/Motion inputs (RJ-45 ports)   (30.1 = 02.1, 0C, 10, 11, 12 - R1,R2 Occupancy +5,6 Plug load)

Duplicate Devices for 3-way switching						**Combine**	**LS Ceiling Sensor - R1 Vacancy + R2,5,6 Plug load**			Duplicate(28)	
LSG3-1-MZD	LSG3-2-MZD	LSG3-2-MZD	LSWS-1-MZD	LSWS-1-MZD	LSWS-2-MZD	**Vac + R2-PL**	LSCS	LSCS	LSCS	LSWS-1-MZD	LSWS-1-MZD
LS: 14	LS: 15	LS: 16 (17)	LS:18 (19)	LS: 1A (1B)	LS: 1C (1D)	LS: 30.2	LS: 20	LS: 21	LS: 22	LS: 28 (29)	LS: 38 (39)
PB Toggle	PB Toggle	PB Toggle	R1 Occ-Off	R2 Occ-Off	R1,2 Occ-Off	R1 Off Only	R1 Off Only	R1 Off Only	R1 Off Only	R1 Off Only	R1 Off Only
R1	R2	R1,2	R5 (PL)	R6 (PL)	R5,6 (PL)	R2,5,6 (PL)	R2,5,6 PL	R2,5,6 PL	R2,5,6 PL	R2,5,6 PL	R2,5,6 PL
On/Off	On/Off	On/Off	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%

(30.2 = 20, 21, 22, 28, 38 - R1 Vacancy + R2,5,6 Plug load)

EVO-INT-2 controller provide for 2 independent relays with 0-10V dimming,

A LLEVO-INT-2-RC set for address 82 can provide a 3rd and 4th relay load (R5,6) used for plugload..

Hardwired Motion sensor(s) can be connected to RJ-45 port with a LLRJ-45T terminal adaptor

and CAT-5 cable for Vacancy control of loads 1 to 4 (R1,2 & R5,6).

LSCS: 10, 11 and 12 will provided Vacancy (off only) for loads 1 to 4 (R1,2 & R5,6).

LSCS: 12 can also support a Photocell for daylighting,

if only the Photocell has been made active then set for device to LS address 13.

Room 1 (R1+R5 PL)			**Room 2 (R2+R6 PL)**			**4-Zone**
Combine	**LS Ceiling Sensor-Vacancy**		**Combine**	**LS Ceiling Sensor-Vacancy**		Dulplicate (0E)
Vacancy	LSCS	LSCS	**Vacancy**	LSCS	LSCS	LSG3-4-MZD
LS:30.3	LS:23	LS:33	LS:30.4	LS:24	LS:34	LS: 1E (1F)
R1.Vac R5.Occ	R1,5 Off	R1,5 Off	R2.Occ R6.Occ	R2,6 Off	R2,6 Off	PB Toggle
On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	On-Dim 50%	R1,2,3,4

(30.3 = 08, 23, 33)   (30.4 = 0A, 24, 34)

LSWS-1-MZD LS:08 and 18 provide Manual-On/Auto-Off (Vacancy) for R1 with dimming on to 50% and raise/lower + RC output 1 (R5) as plugload.

LSWS-1-MZD LS:0A and 1A provide Manual-On/Auto-Off (Vacancy) for R2 with dimming on to 50% and raise/lower + RC output 2 (R6) as plugload.

LSWS-2-MZD LS:OC and 1C provide Manual-On/Auto-Off (Vacancy) for R1,2 with dimming on to 50% and raise/lower + RC output 1&2 (R5,6) as plugload.

LSCS: 20, 21 and 22 will provided Vacancy control (off only) for loads 1 only and On/Off control or relay 2 + RC loads 1&2 (R5,6) for plug load.

LSWS: 28 and 38 (LSWS-1-MZD) provide Manual-On/Auto-Off (Vacancy) for R1 and On/Off for R2 + RC load 1&2 (R5,6) supporting Plug load.

LSCS: 23, 33 & LSWS:08 use a vertual device 30.3 to combine the sensors for Off only Vacancy control of R1 + On/Off R5 plugload

LSCS: 24, 34 & LSWS:0A use a vertual device 30.4 to combine the sensors for Off only Vacancy control of R2 + On/Off R6 plugload

The controller address is set for Node:01 and can be switches to any node number for networking during installation.

LLEVO-INT-2 controllers are shipped in Occupancy mode pre-program F2.

To switch the controller to F1 pre-program Vacancy mode, the user changes the address to F1 for a few seconds until the LED status flashes,

then change back to N:01 or the desired network address. The controller will restart in the new pre-program mode.

Repeat this process to switch back to F2 pre-programmed Occupancy mode, by setting the address to F2 until the LED status flashes.

Power-on setting, after power loss will set dimmers to last state, Minimum dim level=5%, Max dim level=100% or PC (D:01.1), Fade rate = 4%.

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LLEVO-INT-2 Pre-Programs - F2 Occupancy

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The Chart below details the operation provided for LightSync G3 MZD switches and LightSync Wall and Ceiling Sensors
When connected to a additional LLEVO-INT-2-RC panel (Address 82) the 2nd panel will provide for Zones 3 & 4 (R5&6)

	LightSync digital switches				LightSync Wall Sensor switches								
Node		**Occupancy**	**Room: 1**	**Room: 2**	**2-Zone**	**Room: 1**	**Room: 2**	**2-Zone**	**Combine**	LS Ceiling Sensor - Occupancy all loads				**4-Zone**
Address:	PC(RJ-45)	**Input:1(RJ-45)**	LSG3-1-MZD	LSG3-1-MZD	LSG3-2-MZD	LSWS-1-MZD	LSWS-1-MZD	LSWS-2-MZD	**Occupancy**	**LSCS**	**LSCS**	**LSCS**	(LSCS-PC)	LSG3-4-MZD
	LS: 01	**LS: 02.1**	**LS: 04**	**LS: 05**	**LS: 06** (07)	**LS:08** (09)	**LS:0A** (0B)	**LS: 0C** (0D)	**LS:30.1**	**LS:10**	**LS:11**	**LS:12**	**LS:13**	**LS: 0E** (0F)
F2	*Unused*	R1,2,5,6 on/off	**PB Toggle**	**PB Toggle**	**PB Toggle**	R1 Occ	R2 Occ	R1,2 Occ	R1,2,5,6 Off	R1,2,5,6 Off	R1,2,5,6 Off	R1,2,5,6 Off	**30-Sec Filter**	**PB Toggle**
		R3 On/Off	**R1**	**R2**	**R1,2**	**R5** (PL)	**R6** (PL)	**R5,6** (PL)					**D:01.1 Full**	**R1,2,3,4**
MSB / LSB		**On-Dim 50%**	**On/Off**	**On/Off**	**On/Off**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**D:01.2 -10%**	**On/Off**

Hardwired PC/Motion inputs (RJ-45 ports)   (30.1 = 02.1, 0C, 10, 11, 12 - R1,R2 Occupancy +5,6 Plug load)

Duplicate Devices for 3-way switching					
LSG3-1-MZD	LSG3-2-MZD	LSG3-2-MZD	LSWS-1-MZD	LSWS-1-MZD	LSWS-2-MZD
LS: 14	**LS: 15**	**LS: 16** (17)	**LS:18** (19)	**LS: 1A** (1B)	**LS: 1C** (1D)
PB Toggle	**PB Toggle**	**PB Toggle**	R1 Occ	R2 Occ	R1,2 Occ
R1	**R2**	**R1,2**	**R5** (PL)	**R6** (PL)	**R5,6** (PL)
On/Off	**On/Off**	**On/Off**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**

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if only the Photocell has been made active then set for device to LS address 13.

Room 1 (R1+R5 PL)			Room 2 (R2+R6 PL)			4-Zone
Combine	LS Ceiling Sensor-Occupancy		**Combine**	LS Ceiling Sensor-Occupancy		Dulpicate (0E)
Occupancy	**LSCS**	**LSCS**	**Occupancy**	**LSCS**	**LSCS**	LSG3-4-MZD
LS:30.3	**LS:23**	**LS:33**	**LS:30.4**	**LS:24**	**LS:34**	**LS: 1E** (1F)
R1, R5.Occ	R1,5 Occ	R1,5 Occ	**R2, R6.Occ**	R2,6 Occ	R2,6 Occ	**PB Toggle**
On-Dim 50%	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**On-Dim 50%**	**R1,2,3,4**

(30.3 = 08, 23, 33)   (30.4 = 0A, 24, 34)

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LSWS-2-MZD LS:OC and 1C provide Auto-On/Auto-Off (Occupancy) for R1,2 with dimming on to 50% and raise/lower + RC output 1&2 (R5,6) as plugload.

LSCS: 20, 21 and 22 will provided Occupancy control (on/off) for loads 1 and relay 2 + RC loads 1&2 (R5,6) for plug load.

LSWS: 28 and 38 (LSWS-1-MZD) provide Auto-On/Auto-Off (Occupancy) for R1 and for R2 + RC load 1&2 (R5,6) supporting Plug load.

LSCS: 23, 33 & LSWS:08 use a vertual device 30.3 to combine the sensors for on/off Occupancy control of R1 + On/Off R5 plugload

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