

# **IntesisBox**<sup>®</sup>

ME-AC-LON-1 v.1.6.10

User's Manual

Rev 3

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**INTESIS**  
SOFTWARE S.L.

LonWorks Interface for Mitsubishi Electric air conditioners.  
Compatible with all models of Domestic & Mr.Slim lines.

Order Code: **ME-AC-LON-1**



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<b>PCA-RP GA</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID1, MID2, HIGH*	1,3,4,5,6	17..28	19..30	19..30	19..28

\*HIGH speed may not be available in some older versions of this AC type

<b>PCA-RP KA</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	AUTO, LOW, MID1, MID2, HIGH	0,1,2,3,4,5,6	17..28	19..30	19..30	19..28

<b>PEA-RP200...</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID2	(no vanes)	17..28	19..30	19..30	19..28

<b>PEA-RP400...</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	(single fan speed)	(no vanes)	17..28	19..30	19..30	19..28

<b>PEAD-JA...</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	AUTO, LOW, MID1, MID2	(no vanes)	17..28	19..30	19..30	19..28

<b>PEAD-RP...</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID2	(no vanes)	17..28	19..30	19..30	19..28

<b>PEFY-P20-140VMA-E</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO*	AUTO, LOW, MID1, MID2	(no vanes)	17..28	19..30	19..30	19..28

\*AUTO operation mode is only available when using outdoor units PURY or PQRY

<b>PEH-RP200-250...</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	(single fan speed)	(no vanes)	17..28	19..30	19..30	19..28

<b>PKA-RP35-50HAL</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	AUTO, LOW, MID1, MID2	0,1,2,3,4,5,6	17..28	19..30	19..30	19..28

<b>PKA-RP60-71-100KAL</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	AUTO, LOW, MID1, MID2	0,1,2,3,4,5,6	17..28	19..30	19..30	19..28

<b>PKA-RP100FAL</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID2	1,3,4,5,6	17..28	19..30	19..30	19..28

<b>PLA-RP AA2</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID1, MID2	1,3,4,5,6	17..28	19..30	19..30	19..28

<b>PLA-RP BA</b>			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	AUTO, LOW, MID1, MID2, HIGH	0,1,2,3,4,5,6	17..28	19..30	19..30	19..28



PSA...			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID2	(no vanes)	17..28	19..30	19..30	19..28

SEZ-KA...			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID2	(no vanes)	17..28	19..30	19..30	19..28

SEZ-KD...			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	AUTO, LOW, MID1, MID2	(no vanes)	17..28	19..30	19..30	19..28

SLZ-KA...			Temperature Set Point			
Mode	Fan Speed	Vane Pos	Heat	Cool	Dry	Auto
HEAT, DRY, COOL, FAN, AUTO	LOW, MID1, MID2	1,3,4,5,6	17..28	19..30	19..30	19..28



## 7. Error Codes

Code (In Hexadecimal)	Description
8000	No active error
1102	Discharge Temperature high
1108	Internal thermostat detector working (49C)
1110	Outdoor unit fail
1300	Pressure low
1302	Pressure high (High pressure probe working 63H)
1503	Protection against freeze or battery high temperature
1504	Protection against freeze or battery high temperature
1504	Over heating protection
1509	High pressure error (ball valve closed)
1520	Super heating anomaly due to low temp. of discharge. (TH4)
2500	Erroneous operation of drain pump
2502	Erroneous operation of drain pump
2503	Drain sensor anomaly (DS)
4030	Serial transmission error
4100	Compressor pause due to excess of current (initial block)
4101	Compressor pause due to excess of current (overload)
4102	Phase detection opened
4103	Anti-phase detection
4108	Phase opened in phase L2 or connector 51CM opened
4118	Error in the anti-phase detector (electronic board)
4124	Connector 49L opened
4210	Cut due to over-current of compressor
4220	Voltage anomaly
4230	Radiator panel temperature anomaly (TH8)
5101	Ambient temperature probe anomaly (TH1), indoor unit
5102	Liquid probe anomaly (TH2)
5102	Cond/Evap probe anomaly (TH5)
5104	Error detection in discharge temperature
5105	Outdoor probe error TH3
5106	Outdoor probe error TH7
5107	Outdoor probe error TH6
5110	Outdoor probe error TH8
5202	Connector 63L opened
5300	Current probe error
6600	MNET duplicated address definition
6602	MNET Line transmission hardware error
6603	MNET BUS busy
6606	MNET Line transmission error
6607	MNET transmission error
6607	MNET without ack
6608	MNET transmission error
6608	MNET without response
6831	IR remote control transmission error (reception error)
6832	IR remote control transmission error (transmission error)
6840	Transmission error with the indoor/outdoor unit (reception error)
6841	Transmission error with the indoor/outdoor unit (transmission error)
6844	Error in inter-connection cable in the indoor/outdoor unit, indoor unit number deactivated (5 min or more)
6845	Error in inter-connection cable in the indoor/outdoor unit (cabling error, disconnection)
6846	Initial timer deactivated
8001	ME-AC-LON-1 device communication error
65535	Status of error has not been obtained from AC unit yet (initialization value)

In case you detect an error code not listed, contact your nearest Mitsubishi Electric technical support service.

