MITSUBISHI W001CP R61Y23304 Reverse Engineering Version 1.0 Mar 21st, 2018.

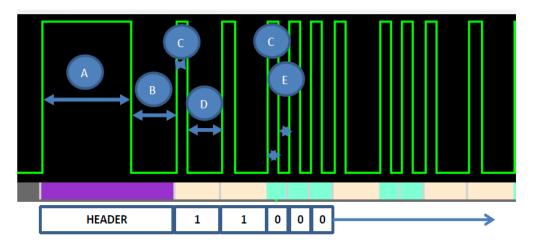
https://github.com/bt4wang/HVAC-IR-Control

Exploration of a trame:

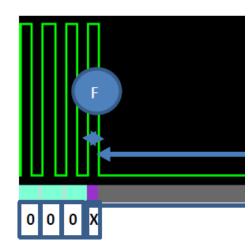
HVAC MITSUBISHI_ DEFINE	LIB VALUE µs	INDEX
HVAC_MITSUBISHI_HDR_MARK	3400	Α
HVAC_MITSUBISHI_HDR_SPACE	1750	В
HVAC_MITSUBISHI_BIT_MARK	450	С
HVAC_MITSUBISHI_ONE_SPACE	1300	D
HVAC_MISTUBISHI_ZERO_SPACE	420	Е
HVAC_MITSUBISHI_RPT_MARK	440	F
HVAC_MITSUBISHI_RPT_SPACE	17100	G

Note: You don't need to repeat the trame for this model.

Trame start:



Trame end:



This article is based on Vincent(r45635)'s former works. His works can be reached

https://github.com/r45635/HVAC-IR-Control

HVAC Remote protocol data information:

BYTE0	BYTE1	BYTE2	BYTE3	BYTE4	BYTE5	BYTE6	BYTE7	BYTE8
Constant	Constant	Constant	Constant	Constant	On/Off	Temperature/Mode	Vanne/Fan	Timer Mode
0x23	0xCB	0x26	0x21	0x0	0x40	0x52	0x35	0x4
0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7
Header				On=1 / Off=0	T=X+16 Mode	Vanne Fan	Timer Mode	
0 0 1 0 0 0 1 1	1 1 0 0 1 0 1 1	0 0 1 0 0 1 1 0	0 0 1 0 0 0 0 1	0 0 0 0 0 0 0	0 1 0 0 0 0 0 0	0 1 0 1 0 0 1 0	0 0 1 1 0 1 0 1	0 0 0 0 0 1 0 0
					On	<u>Heat limit</u> Fan	Vanne 1 Speed 1	Disable timer
				0 1 0 0 0 0 0 0	17~28°C 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 0 0 1 0 0	
			Off	Cold limit Cold	Vanne 2 Speed 2	Enable poweron timer		
					0 0 0 0 0 0 0	19~30°C 0 0 0 1	0 0 0 1 0 0 1 1	0 0 0 0 0 1 1 0
						SET 23°C Heat	Vanne 3 Speed 3	Enable poweroff timer
			STORY OF THE PROPERTY OF THE P			0 1 1 1 0 0 1 0	0 0 1 0 0 1 0 1	0 0 0 0 0 1 0 1
	· · · · · · · · · · · · · · · · · · ·					SET 17°C Auto	Vanne 4 Speed 4	Note:
						0 0 0 1 0 0 1 1	0 0 1 1 0 1 1 1	On/off byte should be
						Dry	Auto	set to off if poweron
						0 1 0 1	1 1 0 0	timer was enabled.
	BYTE9	BYTE10	BYTE11	BYTE12	BYTE13	BYTE14	BYTE15	BYTE16
	PowerOff Countdown	PowerOn Countdown	0xFF XOR BYTE5	0xFF XOR BYTE6	0xFF XOR BYTE7	0xFF XOR BYTE8	0xFF XOR BYTE9	0xFF XOR BYTE10
	0x0	0x0	0xBF	0xAD	0xCA	0xFB	0xFF	0xFF
	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7
	PowerOff Countdown	PowerOn Countdown	0xFF XOR BYTE5	0xFF XOR BYTE6	0xFF XOR BYTE7	0xFF XOR BYTE8	0xFF XOR BYTE9	0xFF XOR BYTE10
	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	1 0 1 1 1 1 1 1	1 0 1 0 1 1 0 1	1 1 0 0 1 0 1 0	1 1 1 1 1 0 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
	Hours= X/6, countdown	Hours= X/6, countdown	The value of	The value of	The value of	The value of	The value of	The value of
	starts at send moment.	starts at send moment.	0xFF Xor Byte5	0xFF Xor Byte6	0xFF Xor Byte7	0xFF Xor Byte8	0xFF Xor Byte9	0xFF Xor Byte10