

AOR AR7030 receiver infrared protocol listing

There have been two types of IR7030 infrared hand controller employed by the AR7030. Late in 2005 a VERSION 2 handset (IR7030-2) was adopted in production. The protocol is slightly different, so a matching CPU must be employed (firmware 1xA or 1xB uses the original IR7030, firmware 2xA or 2xB uses the later IR7030-2).

IR7030

NEC protocol 16 bit Address 026 HEX I.R key Hex value	
1	0C
2	11
3	12
4	10
5	19
6	1A
7	18
8	1D
9	1E
0	15
. DECIMAL	16
CLEAR	13
BACKSPACE	1C
kHz	17
MHz	1F
CW/NFM	8
LSB/USB	0D
AM/SYNC	0E
+ MODIFY	2
- MODIFY	6
TUNE UP	3
TUNE DOWN	7
VOLUME UP	0B
VOLUME DOWN	0F
PASSBAND MODIFY	0
FILTER MODIFY	1
BASS MODIFY	5
TREBLE MODIFY	14
VFO SELECT A/B	0A
MEMORY STORE	4
MEMORY PREVIEW	9
MEMORY RECALL	1B

IR7030-2

NEC protocol 16 bit Address 04D HEX I.R key Hex value	
1	11
2	13
3	1C
4	15
5	16
6	14
7	19
8	17
9	1B
0	1D
. DECIMAL	12
CLEAR	07
BACKSPACE	1F
kHz	1A
MHz	1E
CW/NFM	0F
LSB/USB	10
AM/SYNC	18
+ MODIFY	01
- MODIFY	0B
TUNE UP	04
TUNE DOWN	05
VOLUME UP	02
VOLUME DOWN	03
PASSBAND MODIFY	09
FILTER MODIFY	08
BASS MODIFY	0A
TREBLE MODIFY	0C
VFO SELECT A/B	0E
MEMORY STORE	0D
MEMORY PREVIEW	00
MEMORY RECALL	06