

Celadon Inc.
RCV-5000 IR to RS-232 Output Table
Device: Sharp LC-37G4U LCD TV

Infrared Remote Control: Philips PRONTO, Niles Intellicontrol
 Infrared Code Format: NEC - Device ID: 7B02
 Infrared Pronto Data File(s): See "IR Code Read Me - RCV-5000.txt" for complete description
 Infrared Receiver: Celadon RCV-5000 Infrared to RS-232 Receiver
 RCV-5000 Data File: sharp2_r.hex
 Note: Carriage return at end of string.
 Data: 9600 Baud, 8, N, 1, ASCII Output
 Standard Transmit and Receive pinout
 NOTE: All ASCII Strings have Carriage Return Proceeding,
 8 character command has "space" fills to add to 8, usually 3 spaces

Sharp Function	Pronto Button	RCV-5000 Output
Power Setting	0	'POWR0 ',0
Input Selection A - Toggle	1	'ITGD0 ',0
Input Selection A - TV	2	'ITVD0 ',0
Input Selection A - Input 1	3	'IAVD1 ',0
Input Selection A - Input 2	4	'IAVD2 ',0
Input Selection A - Input 3	5	'IAVD3 ',0
Input Selection A - Input 4	6	'IAVD4 ',0
Input Selection A - PC	7	'IPCD0 ',0
Input Selection B - Input 1 - Auto	8	'INP10 ',0
Input Selection B - Input 1 - AV-Y/C	9	'INP11 ',0
Input Selection B - Input 1 - Component	10	'INP12 ',0
Input Selection B - Input 3 - Auto	11	'INP30 ',0
Input Selection B - Input 3 - AV- Y/C	12	'INP31 ',0
Input Selection B - Input 3 - Component	13	'INP32 ',0
Input Selection B - Input 3 - RGB	14	'INP33 ',0
AV Mode Selection - (Toggle)	15	'AVMD0 ',0
AV Mode Selection - Standard	16	'AVMD1 ',0
AV Mode Selection - Movie	17	'AVMD2 ',0
AV Mode Selection - Game	18	'AVMD3 ',0
AV Mode Selection - User	19	'AVMD4 ',0
AV Mode Selection - Dynamic (Fixed)	20	'AVMD5 ',0
WIDEMODE - (Toggle) AV	21	'WIDE0 ',0
WIDEMODE - Side Bar (AV)	22	'WIDE1 ',0
WIDEMODE - S Stretch (AV)	23	'WIDE2 ',0
WIDEMODE - Zoom (AV)	24	'WIDE3 ',0
WIDEMODE - Stretch (AV)	25	'WIDE4 ',0
WIDEMODE - Normal (AV)	26	'WIDE5 ',0
WIDEMODE - Full (PC)	27	'WIDE6 ',0
WIDEMODE - Dot by Dot (PC)	28	'WIDE7 ',0
WIDEMODE - Dot by Dot (W) (PC)	29	'WIDE8 ',0
SRS - (Toggle)	30	'SRSS0 ',0
SRS - OFF	31	'SRSS1 ',0

SRS - SRS	32	'SRSS2 ',0
SRS - Focus	33	'SRSS3 ',0
SRS - Focus - SRS	34	'SRSS4 ',0
TWIN PICTURE - One screen	35	'TWIN0 ',0
TWIN PICTURE - Twin screens	36	'TWIN1 ',0
CHANNEL - UP	37	'CHUP0 ',0
CHANNEL - DOWN	38	'CHDW0 ',0
ANT - A/B (Toggle)	39	'ANTS0 ',0
CC - (Toggle)	40	'CLCP0 ',0
CC - OFF	41	'CLCP1 ',0
CC - CC1	42	'CLCP2 ',0
CC - CC2	43	'CLCP3 ',0
CC - T1	44	'CLCP4 ',0
CC - T2	45	'CLCP5 ',0
It input-switches to Input 5	46	'IAVD5 ',0
It shifts to CARD mode	47	'ICRD0 ',0
Input 2 Auto	48	'INP20 ',0
Input 2 Video	49	'INP21 ',0
Input 2 Component	50	'INP22 ',0
Digital PC	51	'INP55 ',0
Analog PC	52	'INP56 ',0
Digital AV	53	'INP57 ',0
Analog AV	54	'INP58 ',0
AV Mode Selection - Dynamic (Fixed)	55	'AVMD5 ',0
AV Mode Selection - Dynamic	56	'AVMD6 ',0
Mute (toggle)	57	'MUTE0 ',0
Mute On	58	'MUTE1 ',0
Mute Off	59	'MUTE2 ',0
Dolby Virtual (toggle)	60	'ACDV0 ',0
Dolby Virtual On	61	'ACDV1 ',0
Dolby Virtual Off	62	'ACDV2 ',0
Audio Selection (toggle)	63	'ACHA0 ',0
Sleep Timer Off	64	'OFTM0 ',0
Sleep Timer Off 30 Minutes	65	'OFTM1 ',0
Sleep Timer Off 60 Minutes	66	'OFTM2 ',0
Sleep Timer Off 90 Minutes	67	'OFTM3 ',0
Sleep Timer Off 120 Minutes	68	'OFTM4 ',0

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