# JVC D-ILA® Projector

DLA-HD350 / DLA-HD750 DLA-HD550 / DLA-HD990 DLA-X3 / DLA-X7 / DLA-X9 DLA-X30 / DLA-X70R / DLA-X90R

DLA-RS10 / DLA-RS20 DLA-RS15 / DLA-RS25 / DLA-RS35 DLA-RS40 / DLA-RS50 / DLA-RS60 DLA-RS45 / DLA-RS55 / DLA-RS65

# Infrared Remote Control Command Emulation (Long Hex Format)

### 3D Format - Cycles through all available 3D formats (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 214 (0xD6)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 003C 0014 003C

### 3D Setting - Direct access to 3D Auto mode (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 219 (0xDB)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### 3D Setting - Direct access to 3D Side by Side mode (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 220 (0xDC)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 003C 0014 003C

### 3D Setting - Direct access to 3D Top & Bottom mode (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 221 (0xDD)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### 3D Setting - Direct access to 3D Setting menu (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 213 (0xD5)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 003C 0014 0014 003C 0014 0014 003C 0014 0

## Advanced – Direct access to Picture Adjust > Advanced menu (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65) Device Code: 115 (0x73) Function: 115 (0x73)

Anamorphic - Off (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Vertical Stretch - Off (HD350/750/950/990/RS10/20/25/35)

Device Code: 115 (0x73) Function: 36 (0x24)

Anamorphic - A (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Vertical Stretch - On (HD350/750/950/990/RS10/20/25/35)

Device Code: 115 (0x73) Function: 35 (0x23)

Anamorphic – B (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 43 (0x2B)** 

Anamorphic - Cycles through Off/A/B (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 197 (0xC5)

Aspect - 16:9

Device Code: 115 (0x73) Function: 38 (0x26)

Aspect – 4:3

Device Code: 115 (0x73) Function: 37 (0x25)

Aspect - Zoom

Device Code: 115 (0x73) Function: 39 (0x27)

#### Aspect (PC) - Auto (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 174 (0xAE)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

#### Aspect (PC) - Full (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 176 (0xB0)

#### Aspect (PC) – Just (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 175 (0xAF)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### Aspect + (cycles through all available modes) Device Code: 115 (0x73) Function: 119 (0x77)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

#### Auto Align (PC input on HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65)

Device Code: 115 (0x73) Function: 19 (0x13)

#### Auto Lens Center (X3/X7/X9/X70/X90/RS50/60/45/55/65)

Device Code: 115 (0x73) Function: 201 (0xC9)

#### Back (steps backwards through menus and removes any OSD messages)

**Device Code: 115 (0x73) Function: 3 (0x03)** 

#### **BNR (Block Noise Reduction) Off**

**Device Code: 115 (0x73) Function: 16 (0x10)** 

#### **BNR (Block Noise Reduction) On**

**Device Code: 115 (0x73) Function: 15 (0x0F)** 

#### Bright Level – (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 163 (0xA3)

#### Bright Level + (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 162 (0xA2)

Brightness -

Device Code: 115 (0x73) Function: 123 (0x7B)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

Brightness +

Device Code: 115 (0x73) Function: 122 (0x7A)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

Brightness Adj. (Adjustment Bar On/Off toggle) Device Code: 115 (0x73) Function: 9 (0x09)

CEC - Off

**Device Code: 115 (0x73) Function: 87 (0x57)** 

CEC - On

**Device Code: 115 (0x73) Function: 86 (0x56)** 

Clear Motion Drive - Cycles through: Off/ Mode1/Mode 2/Mode 3/Mode 4/Inverse Telecine (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 138 (0x8A)** 

#### Clear Motion Drive – Off (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 71 (0x47)

#### Clear Motion Drive - Mode 1 (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 206 (0xCE)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

#### Clear Motion Drive - Mode 2 (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 207 (0xCF)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

#### Clear Motion Drive - Mode 3 (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 72 (0x48)

#### Clear Motion Drive - Mode 4 (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 73 (0x49)

#### Clear Motion Drive - Inverse Telecine (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 74 (0x4A)** 

#### Color -

**Device Code: 115 (0x73) Function: 125 (0x7D)** 

#### Color +

**Device Code: 115 (0x73) Function: 124 (0x7C)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

### Color Adj. (Adjustment Bar On/Off toggle) Device Code: 115 (0x73) Function: 21 (0x15)

### Color Management – Off (HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65) Device Code: 115 (0x73) Function: 96 (0x60)

#### Color Management – Custom 1 (HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65) Device Code: 115 (0x73) Function: 97 (0x61)

### Color Management – Custom 2 (HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65) Device Code: 115 (0x73) Function: 98 (0x62)

#### Color Management – Custom 3 (HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65) Device Code: 115 (0x73) Function: 99 (0x63)

Color Management – Cycles through: Off/ Custom1/Custom2/Custom3

(X7/X9/X70/X90/RS50/60/55/65)

Device Code: 115 (0x73) Function: 137 (0x89)

0014 003C 0014 030E

Color Profile – Cycles through all available Color Profiles (X7/X9/X79/X90/RS50/60/55/65)

Device Code: 115 (0x73) Function: 136 (0x88)

Color Space – Cycles through Standard/Wide1/Wide2 (X3/X30/RS40/RS45)

Device Code: 115 (0x73) Function: 205 (0xCD)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 0014 003C 0

Color Temp. - 5800K (HD350/550/750/950/990/RS10/15/20/25/35)

**Device Code: 115 (0x73) Function: 78 (0x4E)** 

Color Temp. - 6500K

**Device Code: 115 (0x73) Function: 79 (0x4F)** 

Color Temp. – 7500K (HD350/550/750/950/990/RS10/15/20/25/35)

Device Code: 115 (0x73) Function: 80 (0x50)

Color Temp. - 9300K (HD350/550/750/950/990/RS10/15/20/25/35)

Device Code: 115 (0x73) Function: 81 (0x51)

Color Temp. - Custom 1

Device Code: 115 (0x73) Function: 83 (0x53)

Color Temp. - Custom 2

Device Code: 115 (0x73) Function: 84 (0x54)

Color Temp. - Custom 3

Device Code: 115 (0x73) Function: 85 (0x55)

Color Temp. - High Bright (HD350/550/750/950/990/X3/X30/RS10/15/20/25/35/40/45)

Device Code: 115 (0x73) Function: 82 (0x52)

Color Temp. + (cycles through all options)
Device Code: 115 (0x73) Function: 118 (0x76)

#### Color Temperature Gain Blue – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 145 (0x91)

#### Color Temperature Gain Blue + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 144 (0x90)

### Color Temperature Gain Green – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 143 (0x8F)

#### Color Temperature Gain Green + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 142 (0x8E)

#### Color Temperature Gain Red – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 141 (0x8D)

### Color Temperature Gain Red + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 140 (0x8C)

### Color Temperature Offset Blue – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 151 (0x97)

#### Color Temperature Offset Blue + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 150 (0x96)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

#### Color Temperature Offset Green – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 149 (0x95)

#### Color Temperature Offset Green + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 148 (0x94)

#### Color Temperature Offset Red – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 147 (0x93)

#### Color Temperature Offset Red + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 146 (0x92)

#### Contrast -

Device Code: 115 (0x73) Function: 121 (0x79)

#### Contrast +

Device Code: 115 (0x73) Function: 120 (0x78)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

#### Contrast Adj. (Adjustment Bar On/Off toggle) Device Code: 115 (0x73) Function: 10 (0x0A)

### CTI (Color Transient Improvement) – Off (HD350/550/750/950/990/RS10/15/20/25/35) Device Code: 115 (0x73) Function: 92 (0x5C)

### CTI (Color Transient Improvement) – Low (HD350/550/750/950/990/RS10/15/20/25/35) Device Code: 115 (0x73) Function: 93 (0x5D)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### CTI (Color Transient Improvement) – Middle (HD350/550/750/950/990/RS10/15/20/25/35) Device Code: 115 (0x73) Function: 94 (0x5E)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

### CTI (Color Transient improvement) – High (HD350/550/750/950/990/RS10/15/20/25/35) Device Code: 115 (0x73) Function: 95 (0x5F)

**Cursor Down ▼** 

**Device Code: 115 (0x73) Function: 2 (0x02)** 

Cursor Left ◀

Device Code: 115 (0x73) Function: 54 (0x36)

Cursor Right ▶

Device Code: 115 (0x73) Function: 52 (0x34)

Cursor Up ▲

**Device Code: 115 (0x73) Function: 1 (0x01)** 

Dark Level – (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 165 (0xA5)

Dark Level + (X7/X9/X70/X90/RS50/60/55/65)
Device Code: 115 (0x73) Function: 164 (0xA4)

Detail Enhance -

**Device Code: 115 (0x73) Function: 18 (0x12)** 

**Detail Enhance +** 

Device Code: 115 (0x73) Function: 17 (0x11)

Picture Tone Blue – (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 161 (0xA1)

Picture Tone Blue + (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 160 (0xA0)

Picture Tone Green – (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 159 (0x9F)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

Picture Tone Green + (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 158 (0x9E)

### Picture Tone Red – (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 157 (0x9D)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### Picture Tone Red + (X7/X9/RS50/60 - Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 156 (0x9C)

### Picture Tone White – (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 155 (0x9B)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### Picture Tone White + (X7/X9/RS50/60 – Film Mode Only) (X70/X90/RS55/65 - All Modes) Device Code: 115 (0x73) Function: 154 (0x9A)

#### Gamma – Normal

Device Code: 115 (0x73) Function: 56 (0x38)

#### Gamma - A

Device Code: 115 (0x73) Function: 57 (0x39)

#### Gamma - B

**Device Code: 115 (0x73) Function: 58 (0x3A)** 

#### Gamma - C

**Device Code: 115 (0x73) Function: 59 (0x3B)** 

#### Gamma - D (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 63 (0x3F)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0014 0014 0014 0014 0014 0015

#### Gamma - Custom 1

**Device Code: 115 (0x73) Function: 60 (0x3C)** 

#### Gamma - Custom 2

**Device Code: 115 (0x73) Function: 61 (0x3D)** 

#### Gamma - Custom 3

**Device Code: 115 (0x73) Function: 62 (0x3E)** 

#### Gamma + (cycles through all options)

Device Code: 115 (0x73) Function: 117 (0x75)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 003C 0014 0014 003C 0014 0014 003C 0

#### Hide (On/Off toggle)

**Device Code: 115 (0x73) Function: 29 (0x1D)** 

#### Hide - Off (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 209 (0xD1)

#### Hide - On (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 208 (0xD0)

#### Horizontal Position – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 171 (0xAB)** 

#### Horizontal Position + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 170 (0xAA)

### Information (displays Information tab of menu) Device Code: 115 (0x73) Function: 116 (0x74)

#### Input - Component

**Device Code: 115 (0x73) Function: 77 (0x4D)** 

#### Input - HDMI-1

Device Code: 115 (0x73) Function: 112 (0x70)

#### Input - HDMI-2

Device Code: 115 (0x73) Function: 113 (0x71)

#### Input - PC (HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65)

Device Code: 115 (0x73) Function: 70 (0x46)

#### Input – S-Video (HD350/550/750/950/990) Device Code: 115 (0x73) Function: 76 (0x4C)

#### Input - Video (HD350/550/750/950/990)

**Device Code: 115 (0x73) Function: 75 (0x4B)** 

#### Input + (cycles through all inputs)

**Device Code: 115 (0x73) Function: 8 (0x08)** 

#### ISF - Day (X7/X9/X70/X90/RS50/60/55/65)

Device Code: 115 (0x73) Function: 100 (0x64)

#### ISF - Night (X7/X9/X70/X90/RS50/60/55/65)

Device Code: 115 (0x73) Function: 101 (0x65)

#### ISF - Off (HD950/990/X7/X9/X70/X90/RS25/35/50/60/55/65)

**Device Code: 115 (0x73) Function: 90 (0x5A)** 

#### ISF - On (HD950/990/X7/X9/X70/X90/RS25/35/50/60/55/65)

**Device Code: 115 (0x73) Function: 91 (0x5B)** 

**Keystone Correction Horizontal –** 

Device Code: 115 (0x73) Function: 65 (0x41)

**Keystone Correction Horizontal +** 

Device Code: 115 (0x73) Function: 64 (0x40)

**Keystone Correction Vertical -**

**Device Code: 115 (0x73) Function: 28 (0x1C)** 

**Keystone Correction Vertical +** 

**Device Code: 115 (0x73) Function: 27 (0x1B)** 

**Lens Aperture – 1 (HD350/HD550)** 

Device Code: 115 (0x73) Function: 40 (0x28)

Lens Aperture - 2 (HD350/HD550)

Device Code: 115 (0x73) Function: 41 (0x29)

**Lens Aperture – 3 (HD350/HD550)** 

**Device Code: 115 (0x73) Function: 42 (0x2A)** 

Lens Aperture – If Lens Aperture Gauge is not displayed – displays gauge. If Lens Aperture Gauge is already displayed – Lens Aperture is decreased (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 31 (0x1F)

Lens Aperture + If Lens Aperture Gauge is not displayed – displays gauge. If Lens Aperture Gauge is already displayed – Lens Aperture is increased (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 30 (0x1E)

Lens Aperture Adj. (HD350/750/950/990/RS10/20/25/35 - Adjustment Bar On/Off toggle) (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65 - Displays Adjustment Bar) (HD550/RS15 - Cycles through all options) Device Code: 115 (0x73) Function: 32 (0x20)

Lens Control (cycles through all options)
Device Code: 115 (0x73) Function: 48 (0x30)

Lens Focus -

Device Code: 115 (0x73) Function: 50 (0x32)

Lens Focus +

Device Code: 115 (0x73) Function: 49 (0x31)

Lens Memory - Cycles through Lens Memory Pages: Select/Save/Name Edit

(X30/X70/X90/RS45/55/65)

Device Code: 115 (0x73) Function: 212 (0xD4)

Lens Memory 1 (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 216 (0xD8)

Lens Memory 2 (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 217 (0xD9)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C

Lens Memory 3 (X30/X70/X90/RS45/55/65)

Device Code: 115 (0x73) Function: 218 (0xDA)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 0014 003C 0014 003C

Lens Shift - Down

Device Code: 115 (0x73) Function: 34 (0x22)

Lens Shift - Left

Device Code: 115 (0x73) Function: 68 (0x44)

Lens Shift - Right

Device Code: 115 (0x73) Function: 67 (0x43)

Lens Shift - Up

**Device Code: 115 (0x73) Function: 33 (0x21)** 

Lens Zoom - In

Device Code: 115 (0x73) Function: 53 (0x35)

Lens Zoom - Out

Device Code: 115 (0x73) Function: 55 (0x37)

Mask Bottom - (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 184 (0xB8)

Mask Bottom + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 183 (0xB7)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

Mask Left - (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 178 (0xB2)

Mask Left + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 177 (0xB1)

Mask Right - (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 180 (0xB4)

#### Mask Right + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 179 (0xB3)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

#### Mask Top - (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 182 (0xB6)

#### Mask Top + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 181 (0xB5)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0

#### Menu (On/Off toggle)

**Device Code: 115 (0x73) Function: 46 (0x2E)** 

#### Menu Position (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 66 (0x42)

#### MNR (Mosquito Noise Reduction) -

**Device Code: 115 (0x73) Function: 14 (0x0E)** 

#### MNR (Mosquito Noise Reduction) +

**Device Code: 115 (0x73) Function: 13 (0x0D)** 

#### NR (toggles display of RNR/MNR) (HD350/550/750/950/990/RS10/15/20/25/35)

Device Code: 115 (0x73) Function: 24 (0x18)

### OK (to accept currently selected option) Device Code: 115 (0x73) Function: 47 (0x2F)

#### Phase (PC Input) – (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 169 (0xA9)

#### Phase (PC Input) + (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 168 (0xA8)

### Picture Adjust (HD550/750/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65) Device Code: 115 (0x73) Function: 114 (0x72)

#### Picture Mode – 3D (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 135 (0x87)

#### Picture Mode - Cinema 1 (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65 - Film Mode)

Device Code: 115 (0x73) Function: 105 (0x69)

#### Picture Mode - Cinema 2 (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65 - Cinema Mode)

Device Code: 115 (0x73) Function: 104 (0x68)

#### Picture Mode - Cinema 3

(HD550/750/990/RS15/25/35) (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65 - Animation Mode)

Device Code: 115 (0x73) Function: 102 (0x66)

00010 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 00141 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 0014 0014 0014 0014 003C 0014 003C 0014 10014 0014 0014 0014 003C

#### Picture Mode - Dynamic (HD350/550/750/950/990)

Device Code: 115 (0x73) Function: 107 (0x6B)

#### Picture Mode – Natural

Device Code: 115 (0x73) Function: 106 (0x6A)

Picture Mode - Stage

Device Code: 115 (0x73) Function: 103 (0x67)

00010 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0014 003C 00141 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 10014 0014 0014 0014 003C 0014 003C

#### Picture Mode - THX (HD750/950/990/X7/X9/X70/X90/RS20/25/35/50/60/55/65)

**Device Code: 115 (0x73) Function: 111 (0x6F)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

Picture Mode - User 1

Device Code: 115 (0x73) Function: 108 (0x6C)

Picture Mode – User 2

Device Code: 115 (0x73) Function: 109 (0x6D)

Picture Mode – User 3 (HD550/750/950/990/X3/X30/RS20/25/35/40/45)

Device Code: 115 (0x73) Function: 110 (0x6E)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

Picture Mode – User 4 (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 202 (0xCA)

#### Picture Mode – User 5 (X30/X70/X90/RS45/55/65) Device Code: 115 (0x73) Function: 203 (0xCB)

### Pixel Shift – Horizontal Blue – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 190 (0xBE)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

### Pixel Shift – Horizontal Blue + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 189 (0xBD)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

### Pixel Shift – Horizontal Green – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 188 (0xBC)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### Pixel Shift – Horizontal Green + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 187 (0xBB)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

### Pixel Shift – Horizontal Red – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 186 (0xBA)

#### Pixel Shift – Horizontal Red + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 185 (0xB9)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

#### Pixel Shift – Vertical Blue – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 196 (0xC4)

### Pixel Shift – Vertical Blue + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 195 (0xC3)

#### Pixel Shift – Vertical Green – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 194 (0xC2)

#### Pixel Shift – Vertical Green + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 193 (0xC1)

#### Pixel Shift – Vertical Red – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 192 (0xC0)

### Pixel Shift – Vertical Red + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 191 (0xBF)

#### Power - Off (send twice with short delay between to switch off)

**Device Code: 115 (0x73) Function: 6 (0x06)** 

#### Power - On

**Device Code: 115 (0x73) Function: 5 (0x05)** 

#### RNR (Random Noise Reduction) -

**Device Code: 115 (0x73) Function: 12 (0x0C)** 

#### RNR (Random Noise Reduction) +

**Device Code: 115 (0x73) Function: 11 (0x0B)** 

#### Screen Adjust - Off (X3/X30/RS40/45)

Device Code: 115 (0x73) Function: 128 (0x80)

#### **Screen Adjust - A (X3/X30/RS40/45)**

Device Code: 115 (0x73) Function: 129 (0x81)

Screen Adjust - B (X3/X30/RS40/45)

Device Code: 115 (0x73) Function: 130 (0x82)

Screen Adjust - C (X3/X30/RS40/45)

Device Code: 115 (0x73) Function: 131 (0x83)

Sharpness -

**Device Code: 115 (0x73) Function: 127 (0x7F)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 0014 003C 0

Sharpness +

Device Code: 115 (0x73) Function: 126 (0x7E)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

Sharpness Adj. (Adjustment Bar On/Off toggle) Device Code: 115 (0x73) Function: 20 (0x14)

Shutter – Off – Un-synchronises shutter with "Hide" function (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 45 (0x2D)** 

### Shutter – On – Synchronises shutter with "Hide" function (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 44 (0x2C)** 

### Shutter – Open (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65) Device Code: 115 (0x73) Function: 26 (0x1A)

#### Shutter – Close (HD550/950/990/X3/X7/X9/X30/X70/X90/RS15/25/35/40/50/60/45/55/65) Device Code: 115 (0x73) Function: 25 (0x19)

### Test Pattern (cycles through all patterns) (HD350/550/750/950/990/RS10/15/20/25/35) Device Code: 115 (0x73) Function: 89 (0x59)

### THX – Off (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 199 (0xC7)

### THX – On (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 200 (0xC8)

#### THX – Bright (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 133 (0x85)

#### THX – Dark (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 134 (0x86)

#### Tint – (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 153 (0x99)

#### Tint + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65) Device Code: 115 (0x73) Function: 152 (0x98)

### Tint Adj. (Adjustment Bar On/Off toggle) Device Code: 115 (0x73) Function: 22 (0x16)

#### Tracking (PC Input) – (X7/X9/X70/X90/RS50/60/55/65) Device Code: 115 (0x73) Function: 167 (0xA7)

#### Tracking (PC Input) + (X7/X9/X70/X90/RS50/60/55/65)

Device Code: 115 (0x73) Function: 166 (0xA6)

#### User - Cycles through User 1 - User 5 Picture Modes (X30/X70/X90/RS45/55/65)

Device Code: 115 (0x73) Function: 215 (0xD7)

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 0

#### Vertical Position - (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 173 (0xAD)** 

0000 006D 0001 0011 0141 00A0 0014 003C 0014 003C 0014 0014 0014 0014 0014 003C 0014 003C 0014 003C 0014 003C 0014 0014 0014 003C 0014 003C 0014 0

#### Vertical Position + (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

**Device Code: 115 (0x73) Function: 172 (0xAC)** 

#### Vertical Stretch – Off (HD350/550/750/950/990/RS10/15/20/25/35) Anamorphic – Off (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 36 (0x24)

Vertical Stretch – On (HD350/550/750/950/990/RS10/15/20/25/35) Anamorphic – A (X3/X7/X9/X30/X70/X90/RS40/50/60/45/55/65)

Device Code: 115 (0x73) Function: 35 (0x23)

# JVC Projector Infrared Remote Control Command Emulation (Long Hex Format) Version 3.0 03/08/2012

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