



Masterpiece

Supported Oxtel Protocol Commands
V16

Keyer

1 Auto

CMD	Param 1	Param 2	Param 3
1	0x0 = Key 1 0x1 = Key 2 0x2 = Key 3 0x3 = Key 4	0x0 = Auto Off 0x1 = Auto On	0x1 – 0x3E7 (fields) (optional)

3 Cut

CMD	Param 1	Param 2
3	0x0 = Key 1 0x1 = Key 2 0x2 = Key 3 0x3 = Key 4	0x0 = Cut Off 0x1 = Cut On

B Set Transition Time

CMD	Param 1	Param 2	Param 3
B	0x0 = Key 1 0x1 = Key 2 0x2 = Key 3 0x3 = Key 4	0x1	0x0 – 0x3E7 (fields)

A/B Mixer

U0/U1/U4 Cut

CMD
U0/U1/U4

U2/U3/U5 Take

CMD	Param 1
U2/U3/U5	0x000 – 0x3E7 (fields)

U6 Set Transition Type

CMD	Param 1
U6	0x01 = V Fade 0x02 = Fade and Cut 0x03 = X Fade 0x04 = Cut and Fade 0x05 = Cut 0x06 – 0x0F = Wipe Preset 1 – 10 0x10 – 0x19 = Wipe Preset 1 – 10 Reverse 0x1A = U Fade

U8 V Fade Take

CMD	Param 1	Param 2
U8	Down 0x000 – 0x3E7 (fields)	Up 0x000 – 0x3E7 (fields)

Audio

jo0 Set Shuffle

CMD	Param 1	Param 2	Param 3	Param 4	Param 5	Param 6
jo0	0x2	0x00 = PGM 0x04 = PST	0x00 (unused)	Input 0x00 – 0x0F	Output 0x00 – 0x0F	0x0 = Break 0x1 = Make

jp4 Set Level

CMD	Param 1	Param 2	Param 3	Param 4
jp4	0x1	0x00 = AES 1 0x01 = AES 2 0x02 = AES 3 0x03 = AES 4 0x04 = Store 0x05 = Util 0x06 = Voice Over	0x00 (unused)	%+07.2f: Level (dB)
	0x2	0x00 = PGM 0x04 = PST		

jq0 Set Duck Level

CMD	Param 1	Param 2	Param 3
jq0	0x00 = AES 1 0x01 = AES 2 0x02 = AES 3 0x03 = AES 4 0x04 = Store 0x05 = Util 0x06 = Voice Over	0x00 (unused)	%+07.2f: Level (dB)

jq2 Set VO Transition Time

CMD	Param 1	Param 2	Param 3
jq2	0x00 = AES 1 0x01 = AES 2 0x02 = AES 3 0x03 = AES 4 0x04 = Store 0x05 = Util 0x06 = Voice Over 0x07 = Duck	0x00 (unused)	0x000 – 0x3E7 (fields)

jq4 VO Mix

CMD	Param 1	Param 2	Param 3
jq4	0x00 = AES 1 0x01 = AES 2 0x02 = AES 3 0x03 = AES 4 0x04 = Store 0x05 = Util 0x06 = Voice Over	0x00 (unused)	0x0 = Mix Off 0x1 = Mix On

jq5 VO Cut

CMD	Param 1	Param 2	Param 3
jq5	0x00 = AES 1 0x01 = AES 2 0x02 = AES 3 0x03 = AES 4 0x04 = Store 0x05 = Util 0x06 = Voice Over	0x00 (unused)	0x0 = Cut Off 0x1 = Cut On

Status

M Get System Status

CMD
M

M	1	Version Major %03x	Version Minor %03x	2 = 1080i@59.94 3 = 1080i@50 4 = 720p@59.94 5 = 720p@50 6 = 1080p@59.94 7 = 1080p@50	0x000	Key 1 Trans Time %03x	Key 2 Trans Time %03x	Key 3 Trans Time %03x	Key 4 Trans Time %03x	0x0
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Macro

x0 Run Macro

CMD	Param 1
x0	Macro Number 0x0000 – 0xFFFF

Routing Control

rs0 Set Source

CMD	Param 1	Param 2	Param 3	Param 4
rs0	0x0 (unused)	Source %08x	0x0 (unused)	0x00000000 = PGM 0x00000002 = PST 0x00000005 = Util 0x00000006 = Key 1 0x00000007 = Key 2 0x00000008 = Key 3 0x00000009 = Key 4

rs1 Get Source

CMD	Param 1	Param 2
rs1	0x0 (unused)	0x00000000 = PGM 0x00000002 = PST 0x00000005 = Util 0x00000006 = Key 1 0x00000007 = Key 2 0x00000008 = Key 3 0x00000009 = Key 4

CMD	Param 1	Param 2
rs0	0x0 (unused)	Source %08x

Examples

Key Control

```
rs0000000008000000007 // set source 9 on key 2
B1 1 3C // set key 2 transition time to 60 fields
11 1 // key 2 mix on
```

Transition Control

```
rs0000000005000000002 // set source 6 on PST
U603 // set X fade
jo02040000001 // set PST shuffle map
.....
jp420400+002.50 // set PST level to 2.5dB
U503C // set transition time to 60 files and take
```

VO Control

```
jp410100+002.50 // set AES 2 level to 2.5dB
jq2010003C // set AES 2 transition time to 60 fields
jq00100-002.50 // set AES 2 duck level to -2.5dB
jq2070003C // set duck transition time to 60 fields
jq401001 // AES 2 mix on
```


Store Control

R0 Load Still

CMD	Param 1	Param 2
R0	0x0 = Store 1 0x1 = Store 2 0x2 = Store 3 0x3 = Store 4 0x4 = Store 5 0x5 = Store 6 0x6 = Store 7 0x7 = Store 8 0x8 = Store 9 0x9 = Store 10	Filename %s

R0 Get Loaded Still

CMD	Param 1
R0	Store 0x0 – 0x9

CMD	Param 1	Param 2
R0	Store 0x0 – 0x9	Filename %s

R4 Get First Still File

CMD	Param 1
R4	\$VIDEO

CMD	Param 1	Param 2
R4	0x0	Filename %s

Or

CMD	Param 1	Param 2
R4	0x1	“end”

R5 Get Next Still File

CMD	Param 1
R5	\$VIDEO

CMD	Param 1	Param 2
R5	0x0	Filename %s

Or

CMD	Param 1	Param 2
R5	0x1	"end"

YB Still File Tally

CMD	Param 1
YB	0x000001

CMD	Param 1	Param 2	Param 3
YB	0x000001	Action 0x0 = Deleted 0x1 = Added	Filename %s

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