

bonsaiDRIVE 9-pin implementation firmware 0.58

P2 Command	Response
00 11 Device Type Request	30 (31 PAL) E0 bonsaidrive B0 (B1 PAL) 00 Sony A500
20 00 Stop	Ack
20 01 Play	Ack
20 02 Record	Ack
20 10 Fast FWD	Ack
2X 11 Jog FWD	Ack
2X 12 Var FWD	Ack
2X 13 Shuttle FWD	Ack
20 20 Rewind	Ack
2X 21 Jog Rev	Ack
2X 22 Var Rev	Ack
2X 23 Shuttle Rev	Ack
20 30 Preroll	Ack
24 31 Cue up with data	Ack
21 38 Prog speed play +	Ack
21 39 Prog speed play -	Ack
20 42 Auto Edit	Ack
20 60 EE off	Ack
20 61 EE on	Ack
20 63 Select EE on	Ack
20 64 Edit on	Ack
20 65 Edit off	Ack
40 10 In Entry	Ack
40 11 Out Entry	Ack
44 14 In data preset	Ack
44 15 Out data preset	Ack
40 20 In flag reset	Ack
40 21 Out flag reset	Ack
4X 30 Edit preset	Ack
44 31 Preroll time preset	Ack
40 40 Auto mode off	Ack
40 41 Auto mode on	Ack

60 10 In data sense	74 10 In data
60 11 Out data sense	74 11 Out data
60 12 Audio in data sense	74 12 Audio In data
60 13 Audio out data sense	74 13 Audio Out data
60 18 Clip length sense	74 18 Clip length data
60 19 TC start of current clip	74 19 TC start data
60 1A Clip number sense	72 1A 00 nn nn is clip number 1-255
60 31 Preroll time sense	74 31 Preroll time data
60 78 Offset sense	74 78 offset time data
61 0A TC generator sense	74 0X Generator time/ userbit data
61 0C Current time sense	74 04 Current time data
61 20 Status sense	7X 20 Status data
61 30 Edit preset sense	7X 30 Edit preset status

Bonsai Command	Bonsai Response
22 31 Clip select data-0: not used this version data-1: clip number 1-255 22 31 FF 00 increments current clip number 22 31 FF FF decrements current clip number	Ack
26 31 Cue up with data & clip number same format as 24 31 but with additional data-4: not used in this version data-5: clip number 1-255 This command does not trigger auto play modes. Send additional play command when required.	Ack
20 E0 Copy Region copies region from IN (LOC1) to OUT (LOC2) to the clipboard	Ack
20 E1 Paste Region pastes clipboard to the end of current clip	Ack
21 F0 Delete Clip/ Format Disk data-0: 0 = format disk 1..255 = delete clip 1..255	Ack
21 FF Auto play mode 21 FF 00 disable auto play mode 21 FF 01 loop loc1..loc2 21 FF 02 start loc1, stop loc2 21 FF 03 play all clips	Ack
22 FF bonsairemote keys sent each time the keys status changes data-0: stop, -, <, 0, 0, 0, 0, 0 data-1: menu, record, loc2, loc1, >, +, 0, 0	Ack
60 E0 Copy/ paste status sense	71 E0 nn nn: 0 = idle, 1..10 = command in process
60 FE Menu position sense	71 FE <menu position> 0 == menu off
60 FF bonsairemote LED sense request	72 FF <leds low> <leds high> leds low: <-, -, stop, +, >, loc1, loc2, record leds high: menu, remote, 0, 0, 0, 0, 0