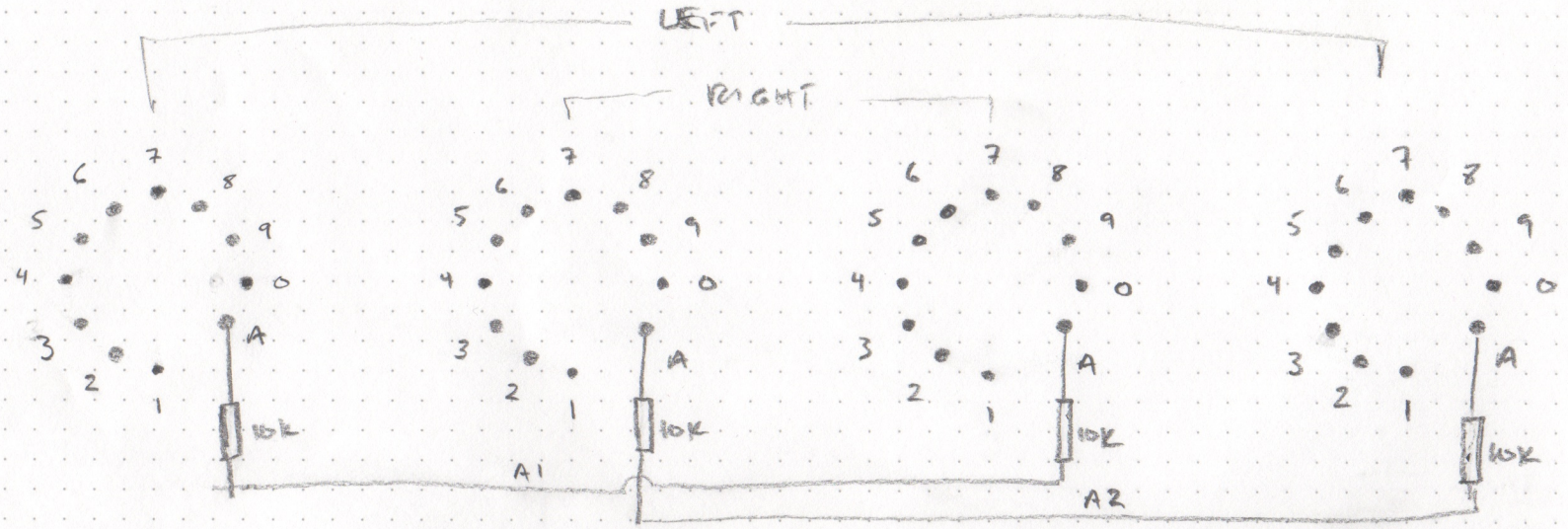
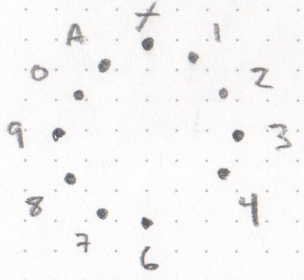
(BACK)

VERSION 3

NIXIE BOARD



(SOCKET)
BACK



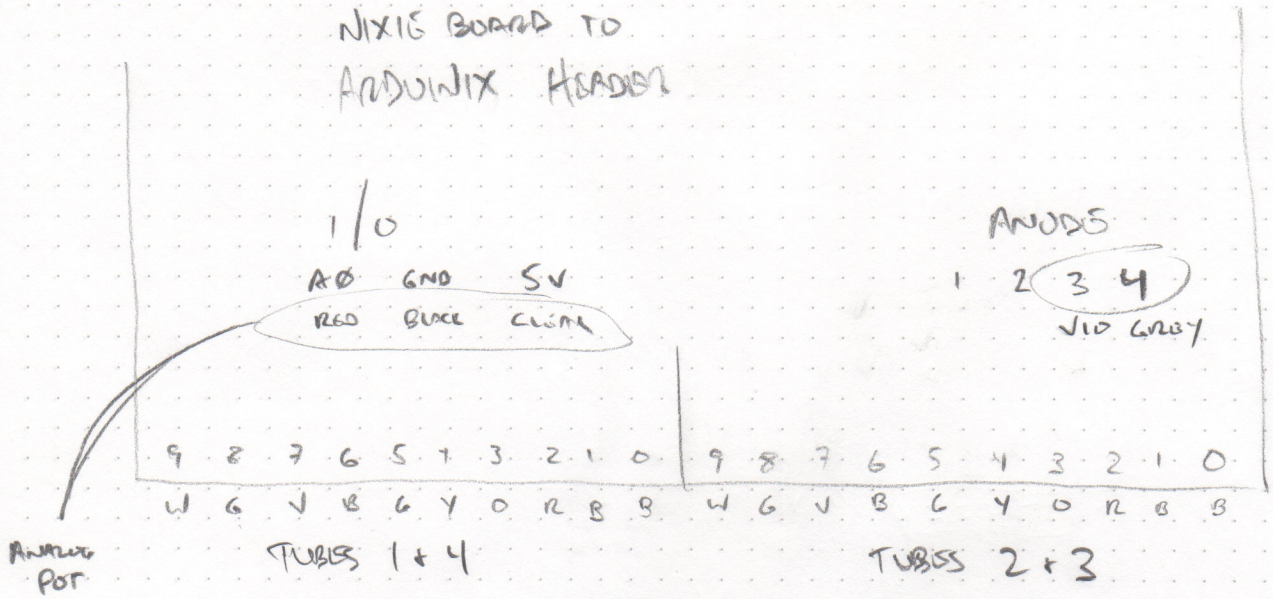
HEADER		SOCKET
BLACK	0	3
BROWN	1	6
RED	2	7
ORANGE	3	8
YELLOW	4	9
GREEN	5	0
BLUE	6	A
VIOLET	7	—
GREY	8	1
WHITE	9	2
	A	4

VIOLET A1

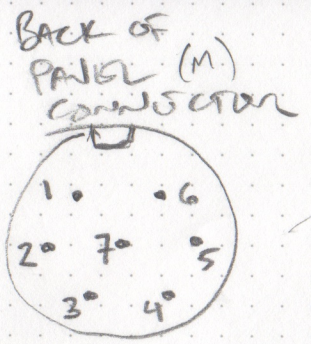
GREY A2

v3

NIXIE BOARD TO ARDUINIX HEADER



REMOTE CABLE v3



CABLE CONNECTOR (F)

CABLE			INSIDE
GREEN	1	GND	STRIPED WIRE
BLUE	2	+9 V DC IN	
YELLOW	3	DATA A (OUT) TO MC624	GREEN
WHITE	4	DATA B (OUT) TO MC624	WHITE
RED	5	USB DATA + TO ARDUINO	GREEN
VIOLET	6	USB DATA − (IN) TO ARDUINO	WHITE
SHIELD	7	SHIELD	

~~SHIELL - USB SHIELD~~

5 V - RED

BLACK

USB

USB

USB

(RS485 → MC624 LINK IN)

- A GR
- B WH
- GND

(USB TO ARDUINO)

- DATA + GREEN
- DATA − WHITE
- GND BLACK

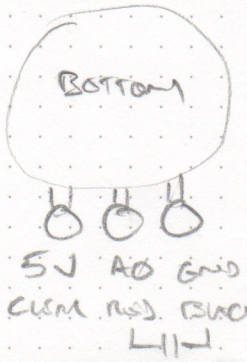
(9 V TO REMOTE)

- +9 V DC
- GND

PANEL WIRING V3

	SWITCH	LED	
IN 1	22	37	BROWN
IN 2	23	38	RED
IN 3	24	39	ORANGE
IN 4	25	40	YELLOW
IN 5	26	41	GREEN
IN 6	27	42	BLUE
SPK 1	28	43	VIOLET
SPK 2	29	44	GREY
SPK 3	30	45	WHITE
SPK 4	31	46	BLACK
DIM	32	47	BROWN
MONO	33	48	RED
INV R	34	49	ORANGE
MUTE L	35	50	YELLOW
MUTE R	36	51	GREEN

RS485	+5 V	52	YELLOW
	GND	53	ORANGE
TX	D1		
TX ENABLE	DE		
	A		GREY
	B		WHITE



LED RESISTORS:

YELLOW	2k2
BLUE	4k7
RED	3k3

PANEL WIRING v3

& RESISTOR VALUES

BACK