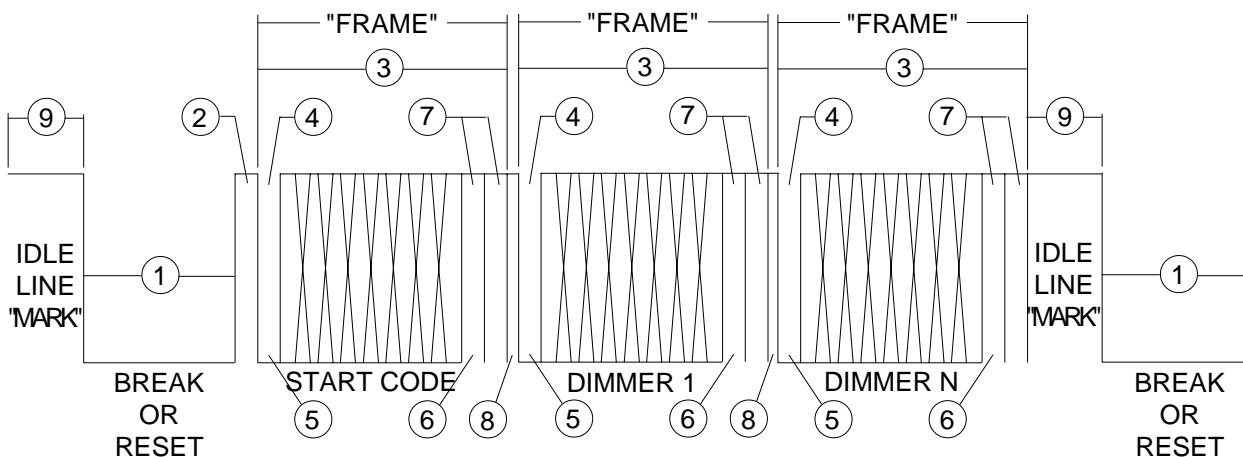




Appendice



Spécifications générales du signal DMX512 / 1990



DESIG	DESCRIPTION	MIN	TYP	MAX	CANTOR	UNIT
1	"SPACE" FOR BREAK	88	88		250 - 350	μsec.
2	"MARK BETWEEN BREAK & START CODE	8.00	-	-	8 - 16	μsec. sec.
3	FRAME TIME	43.12	44.0	44.48	44	μsec.
4	START BIT	3.92	4.0	4.08	4	μsec.
5	LEAST SIGNIFICANT DATA BIT	3.92	4.0	4.08	4	μsec.
6	MDST SIGNIFICANT DATA BIT	3.92	4.0	4.08	4	μsec.
7	STOP BIT	3.92	4.0	4.08	4	μsec.
8	"MARK" TIME BETWEEN FRAMES	0	0	1.00	0	sec.
9	"MARK" TIME BETWEEN PACKETS	0	-	1.00	0 - 5,5 msec.	sec.

CANTOR : other informations

- always 512 channels sent / about 40 messages / sec.

CONNECTOR PIN-OUT	
CONNECTOR	OUTPUT CHANNELS
pin 1	0 V
2	data -
3	data +
4	N.C.
5	N.C.

CANTOR

MIDI IMPLEMENTATIONS

ADB
(LIGHTING CONTROL DESK)


CANTOR
Version 1.1

26th Sept 1991

Function	Transmitted	Recognised	Remarks
Basic Default Channel Changed	x x	1 - 16 1 - 16	separate channel for Notes, Program changes and Control changes
Mode Default Messages	x X	Mode 3 X	
Note Number True Voice	x -	0 - 127 -	Each note programmable
Velocity Note ON Note OFF	x x	0 - 127 X	used only for flashes
After Key's Touch Ch's	x x	X X	
Pitch Bender	x	X	
Control Change	x	0 - 127	each Control Changes programmable
Prog Change True #	x -	0 - 127 0 - 127	each Program Changes pro- grammable
System Exclusive	x	x	see CANTOR manual
System : Song Pos : Song Sel Common : Tune	x x x	X X X	
System : Clock Real Time : Commands	x x	0 X	May control a running effect
Aux : Local ON/OFF Messages : All Notes OFF : Active Sense : Reset	x x x 0	X 0 x X	
Notes	All other MIDI messages are accepted, but rejected by CANTOR		

APPENDICE B

MIDI NOTES



	C	C#	D	D#	E	F	F#	G	G#	A	A#	B
Oct -2	0	1	2	3	4	5	6	7	8	9	10	11
Oct -1	12	13	14	15	16	17	18	19	20	21	22	23
Oct 0	24	25	26	27	28	29	30	31	32	33	34	35
Oct 1	36	37	38	39	40	41	42	43	44	45	46	47
Oct 2	48	49	50	51	52	53	54	55	56	57	58	59
Oct 3	60	61	62	63	64	65	66	67	68	69	70	71
Oct 4	72	73	74	75	76	77	78	79	80	81	82	83
Oct 5	84	85	86	87	88	89	90	91	92	93	94	95
Oct 6	96	97	98	99	100	101	102	103	104	105	106	107
Oct 7	108	109	110	111	112	113	114	115	116	117	118	119
Oct 8	120	121	122	123	124	125	126	127				

