

Mbox Layer Built-in Transition Timing



Product: Mbox Media Server Software
Manufacturer: PRG
Subject: Layer Transition Time Parameter
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MBOX LAYER TRANSITION TIME PARAMETER

Introduction

The Mbox v4 software features a built-in transition for 2D content on every layer. This transition is controlled by two parameters: the Transition Type and the Transition Time.

- + Transition Type: Selects the type of transition. e.g. Dissolve, Wipe, Slide, Object Dissolve, etc.
- + Transition Time: Determines the length of the transition in seconds or fractions of seconds.

The Transition Time parameter is an 8-bit parameter with values or ranges that are used to select specific discrete transition times from 0.00 to 310.00 seconds. This chart below details the 8-bit values used to select each discrete transition time.

Note: Some console profiles have this data already included (e.g. PRG's MA 1/2 profiles), but some do not (e.g. ETC).

Value	Seconds	Value	Seconds	Value	Seconds	Value	Seconds	Value	Seconds	Value	Seconds
0	0.00	1	0.10	2	0.17	3	0.34	4	0.75	5	1.00
6	1.20	7	1.40	8	1.60	9	1.80	10	2.00	11	2.20
12	2.40	13	2.60	14	2.80	15	3.00	16	3.20	17	3.40
18	3.60	19	3.80	20	4.00	21	4.20	22	4.40	23	4.60
24	4.80	25	5.00	26	5.20	27	5.40	28	5.60	29	5.80
30	6.00	31	6.20	32	6.40	33	6.60	34	6.80	35	7.00
36	7.20	37	7.40	38	7.60	39	7.80	40	8.00	41	8.20
42	8.40	43	8.60	44	8.80	45	9.00	46	9.20	47	9.40
48	9.60	49	9.80	50	10.00	51	10.20	52	10.40	53	10.60
54	10.80	55	11.00	56-57	12.00	58-59	13.00	60-62	14.00	63-64	15.00
65-67	16.00	68-69	17.00	70-72	18.00	73-74	19.00	75-77	20.00	78-80	21.00
81-82	22.00	83-85	23.00	86-87	24.00	88-90	25.00	91-92	26.00	93-95	27.00
96-97	28.00	98-100	29.00	101-103	30.00	104-105	31.00	106-108	32.00	109-110	33.00
111-113	34.00	114-115	35.00	116-118	36.00	119-120	37.00	121-123	38.00	124-126	39.00
127-128	40.00	129-131	41.00	132-133	42.00	134-136	43.00	137-138	44.00	139-141	45.00
142-143	46.00	144-146	47.00	147-148	48.00	149-151	49.00	152-154	50.00	155-156	51.00
157-159	52.00	160-161	53.00	162-164	54.00	165-166	55.00	167-169	56.00	170-171	57.00
172-174	58.00	175-177	59.00	178-179	60.00	180-182	65.00	183-184	70.00	185-187	75.00
188-189	80.00	190-192	85.00	193-194	90.00	195-197	95.00	198-199	100.00	200-202	110.00
203-205	120.00	206-207	130.00	208-210	140.00	211-212	150.00	213-215	160.00	216-217	170.00
218-220	180.00	221-222	190.00	223-225	200.00	226-228	210.00	229-230	220.00	231-233	230.00
234-235	240.00	236-238	250.00	239-240	260.00	241-243	270.00	244-245	280.00	246-248	290.00
249-250	300.00	251-254	310.00	255	0.01						

Note: The 8-bit value of 255 is special. This value represents the fastest possible transition that forces an actual switch between movie players on the layer. This is important if using the Object Dissolve transition. A time of 0.00 (parameter value of 0) causes the layer to ignore the selected transition type and just snap between outgoing and incoming media - effectively there is no transition.