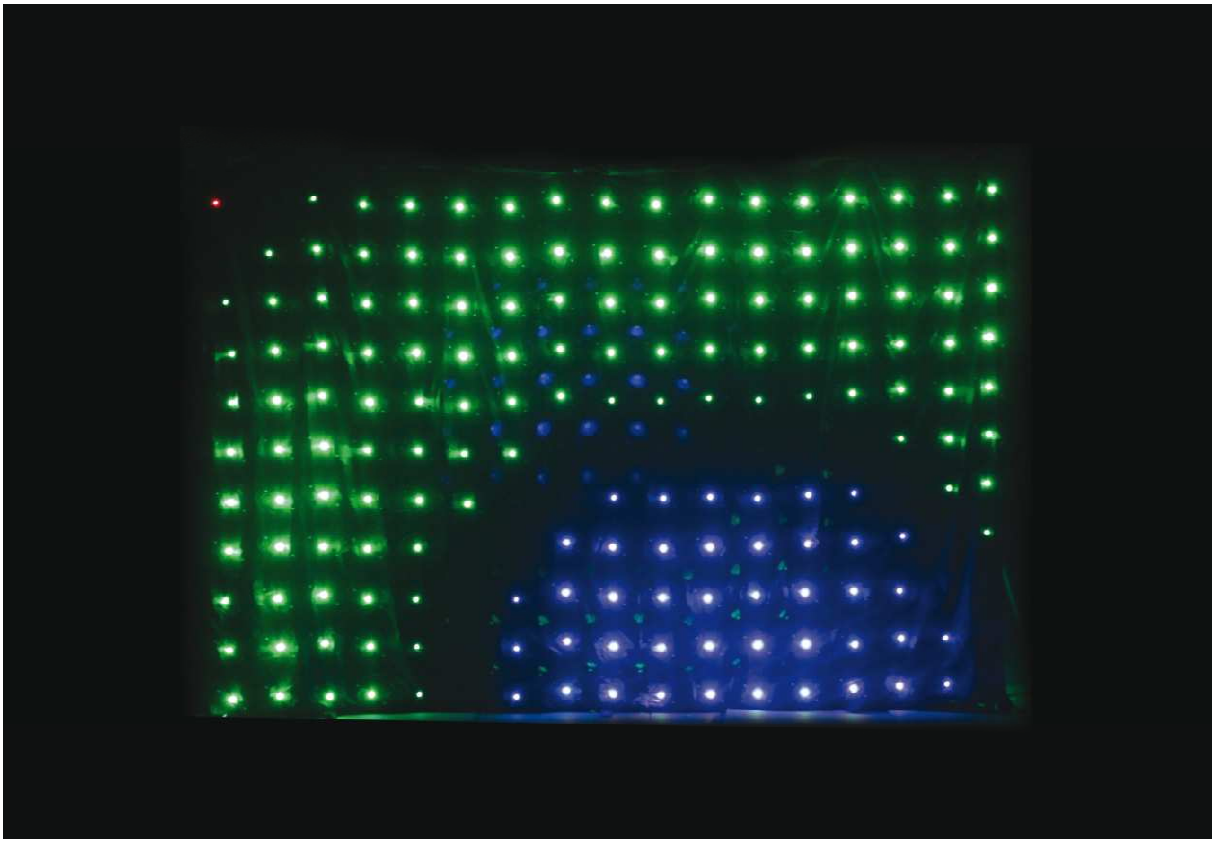
VARYTEC

User’s manual



Backtruss Curtain Animation

2m x 3m

VARYTEC

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1. Safety instructions

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperatureAvoid exposing it
to direct rays of the sun or near a heating appliance.
Not put it in a temperature bellow 41℉ /5℃, or e xceeding 95℉ /35℃.

Keep away from humidity, water and dust
Do not place the set in a location with high humidity or lots of dust.
Containers with water should not be placed on the set.

Keep away from sources of hum and noise
Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location
Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning
Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately
Any troubles arose, remove the power plug soon, and contact with an engineer for repairing,
do not open the cabinet by yourself, it might result a
danger of electric shock.

Take care with the power cable
Never pull the power cable to remove the plug from the receptacle, be sure
to hold the plug. When not using the player for an extended period of time
be sure to disconnect the plug from the receptacle.

2. Features

- All cables are already installed.
- DMX controllable with 2 Ch for 4 Groups
- Including bag
- Will be delivered completely ready to use.

3. Setup

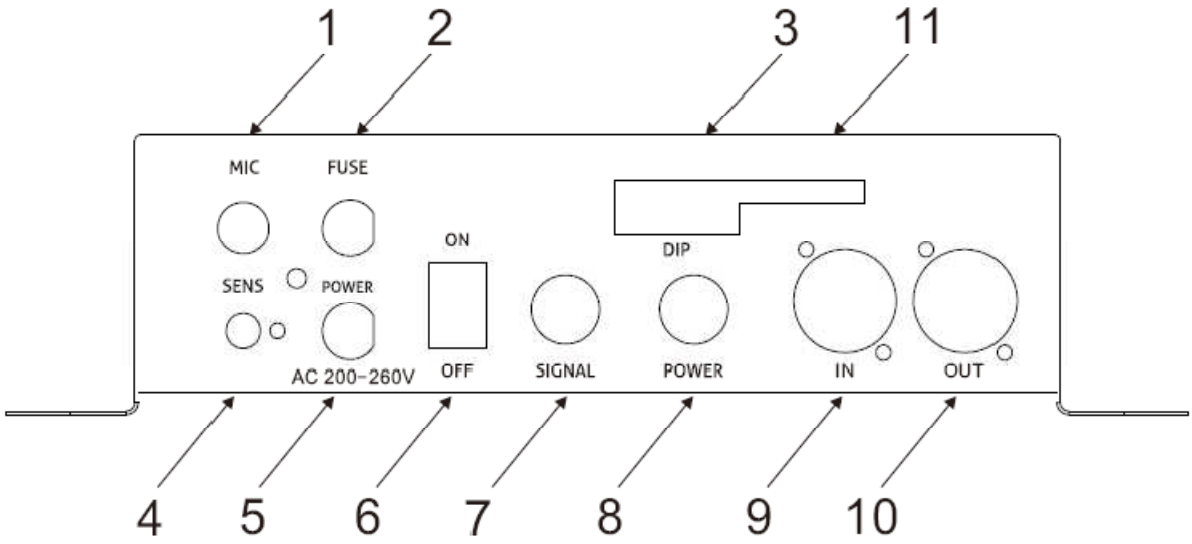
3.1. Installing the stands

- Install the two stands on a even surface
- Open the bottom holding frames as wide as you need, to make the stands standing safe and strong on the surface
- Use the included plastic parts to fix the cross brace
- Make sure that all components are installed well and that the stand set is installed safe

3.2. Built in of the led Backtruss Curtain

- Install the curtain with the Velcro Lug
- Every lug has to be closed around the cross brace
- Now connect the controller with the Backtruss Curtain
- Connectthe power cable of the controller with the mains
- Make sure that your mains have the right voltage of 230V, otherwise the curtain could be damaged.

3.3. Functions of the controller



1. Power input
2. On/off switch
3. Signal output
4. DC output
5. DMX input to connect a DMX controller
6. DMX output to connect other dmx items in the line
7. Sensitivity/speed control
8. Microphone
9. SD card input
10. This is the dipswitch to setup the dmx address

3.3.1. Working Modes

There are three operating modes to choose from;

1. Auto run
2. Sound Active
3. DMX

Auto run mode

To set the Matrix cloth in auto run mode, set all dip switches to the off position and use the "SENSITIVITY/SPEED" control to set the desired running speed. The Matrix cloth will now run through all of its in-built programmes.

Sound active mode

To set the Matrix cloth into sound active mode, set dip switch "10" to the ON position and all others to the OFF position. Now use the "SENSITIVITY/SPEED" control to set the desired sensitivity level.

DMX mode

To set the Matrix cloth into DMX mode, set dip switch "10 " to the "OFF" position. Use dip switches 1-9 to address each fixture accordingly.

3.3.2. DMX Channel list

Channel	Value	Function	Notes
1	0-9	Blackout	
	10-255	Pattern selector	
2	0-9	Blackout	
	10-255	Sound Active	CH1 0-9 Blackout
	0-255	Speed (slow to fast)	

3.3.3. Dipswitch Quick reference chart

DMX DIP SWITCH SET 0=OFF 1=ON																					
					#9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
					#8	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
					#7	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
					#6	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
#1	#2	#3	#4	#5																	
0	0	0	0	0			32	64	96	128	160	192	224	256	288	320	352	384	416	448	480
1	0	0	0	0		1	33	65	97	129	161	193	225	257	289	321	353	385	417	449	481
0	1	0	0	0		2	34	66	98	130	162	194	226	258	290	322	354	386	418	450	482
1	1	0	0	0		3	35	67	99	131	163	195	227	259	291	323	355	387	419	451	483
0	0	1	0	0		4	36	68	100	132	164	196	228	260	292	324	356	388	420	452	484
1	0	1	0	0		5	37	69	101	133	165	197	229	261	293	325	357	389	421	453	485
0	1	1	0	0		6	38	70	102	134	166	198	230	262	294	326	358	390	422	454	486
1	1	1	0	0		7	39	71	103	135	167	199	231	263	295	327	359	391	423	455	487
0	0	0	1	0		8	40	72	104	136	168	200	232	264	296	328	360	392	424	456	488
1	0	0	1	0		9	41	73	105	137	169	201	233	265	297	329	361	393	425	457	489
0	1	0	1	0		10	42	74	106	138	170	202	234	266	298	330	362	394	426	458	490
1	1	0	1	0		11	43	75	107	139	171	203	235	267	299	331	363	395	427	459	491
0	0	1	1	0		12	44	76	108	140	172	204	236	268	300	332	364	396	428	460	492
1	0	1	1	0		13	45	77	109	141	173	205	237	269	301	333	365	397	429	461	493
0	1	1	1	0		14	46	78	110	142	174	206	238	270	302	334	366	398	430	462	494
1	1	1	1	0		15	47	79	111	143	175	207	239	271	303	335	367	399	431	463	495
0	0	0	0	1		16	48	80	112	144	176	208	240	272	304	336	368	400	432	464	496
1	0	0	0	1		17	49	81	113	145	177	209	241	273	305	337	369	401	433	465	497
0	1	0	0	1		18	50	82	114	146	178	210	242	274	306	338	370	402	434	466	498
1	1	0	0	1		19	51	83	115	147	179	211	243	275	307	339	371	403	435	467	499
0	0	1	0	1		20	52	84	116	148	180	212	244	276	308	340	372	404	436	468	500
1	0	1	0	1		21	53	85	117	149	181	213	245	277	309	341	373	405	437	469	501
0	1	1	0	1		22	54	86	118	150	182	214	246	278	310	342	374	406	438	470	502
1	1	1	0	1		23	55	87	119	151	183	215	247	279	311	343	375	407	439	471	503
0	0	0	1	1		24	56	88	120	152	184	216	248	280	312	344	376	408	440	472	504
1	0	0	1	1		25	57	89	121	153	185	217	249	281	313	345	377	409	441	473	505
0	1	0	1	1		26	58	90	122	154	186	218	250	282	314	346	378	410	442	474	506
1	1	0	1	1		27	59	91	123	155	187	219	251	283	315	347	379	411	443	475	507
0	0	1	1	1		28	60	92	124	156	188	220	252	284	316	348	380	412	444	476	508
1	0	1	1	1		29	61	93	125	157	189	221	253	285	317	349	381	413	445	477	509
0	1	1	1	1		30	62	94	126	158	190	222	254	286	318	350	382	414	446	478	510
1	1	1	1	1		31	63	95	127	159	191	223	255	287	319	351	383	415	447	479	511

4. Technical data

Mains	230V 50Hz
Fuse	1A
Meassurements	3m x 2m
Delivery contents	1 x Curtain
	1 x Controller
	1 x bag
	1 x Stands Set
Pitch	9cm
LEDs	3in1 RGB 5mm Highlite LEDs
Led Quantity	726 Pcs
Power Consumption	100W
Weight	16,1Kg incl. Standset

Importeur:

B & K Braun GmbH

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