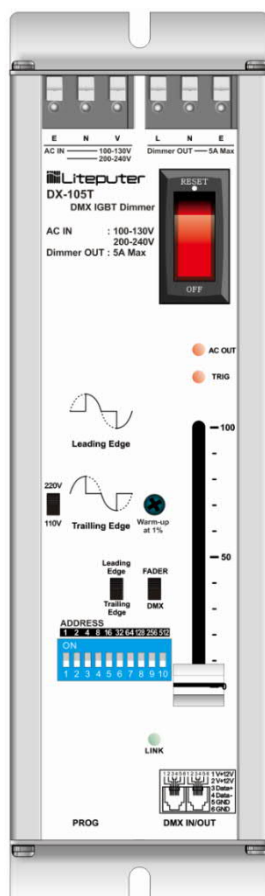


User Manual

DX-105T

1 Channel Leading-Edge/Trailing-Edge Dimmer



INDEX

1 INTRODUCTION.....	3
1-1 FEATURES	3
1-2 SPECIFICATIONS.....	3
1-3 DIMENSION.....	4
1-4 PANEL INTRODUCTION	5
1-5 WIRING DIAGRAM	6
2 DMX-512 ADDRESS	7
2-1 DIP SWITCH CODE.....	7
APPENDIX 1: DMX-512/DIP SWITCH CODE.....	8
LIMITED WARRANTY	11

1 Introduction

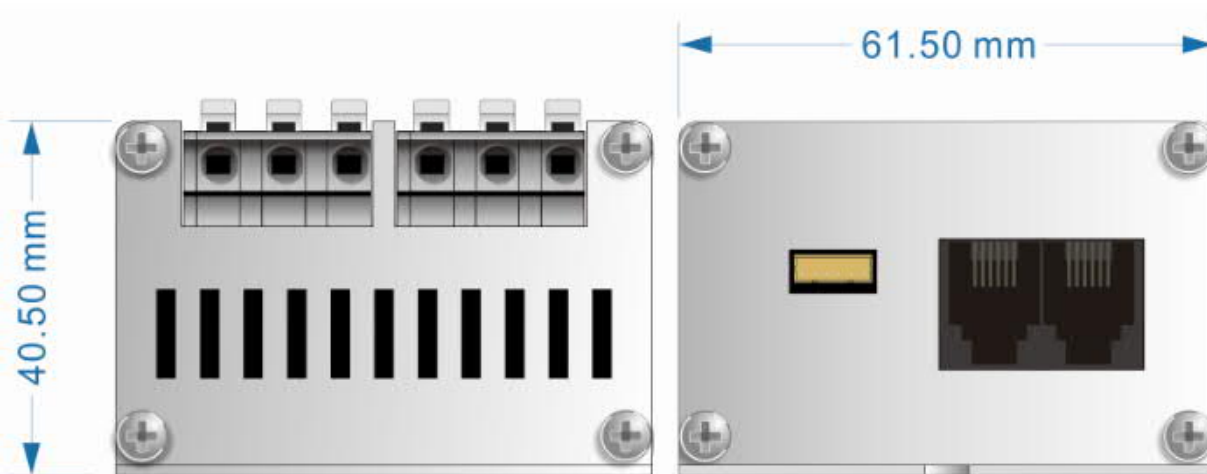
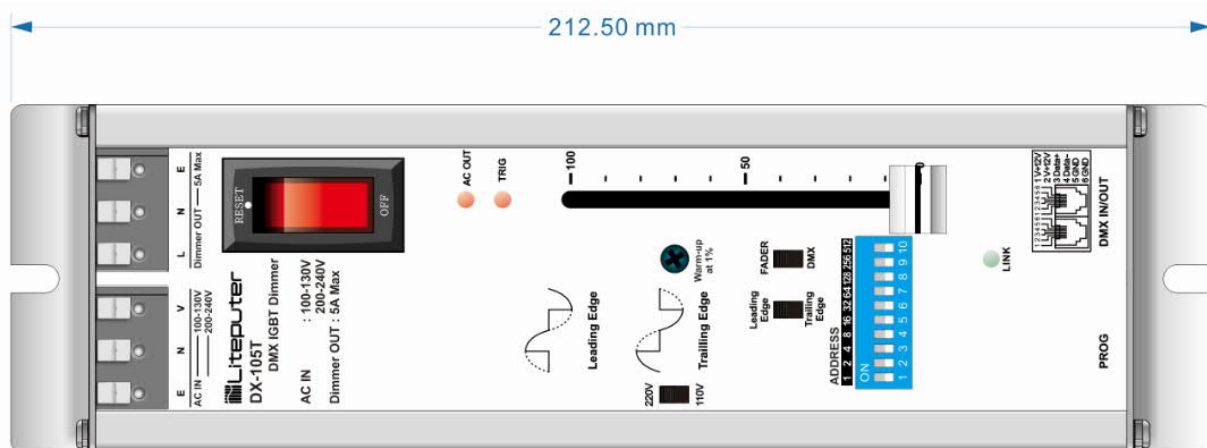
1-1 Features

- Leading-edge or trailing-edge dimming output
- DMX-512 control
- Built-in dimming slider

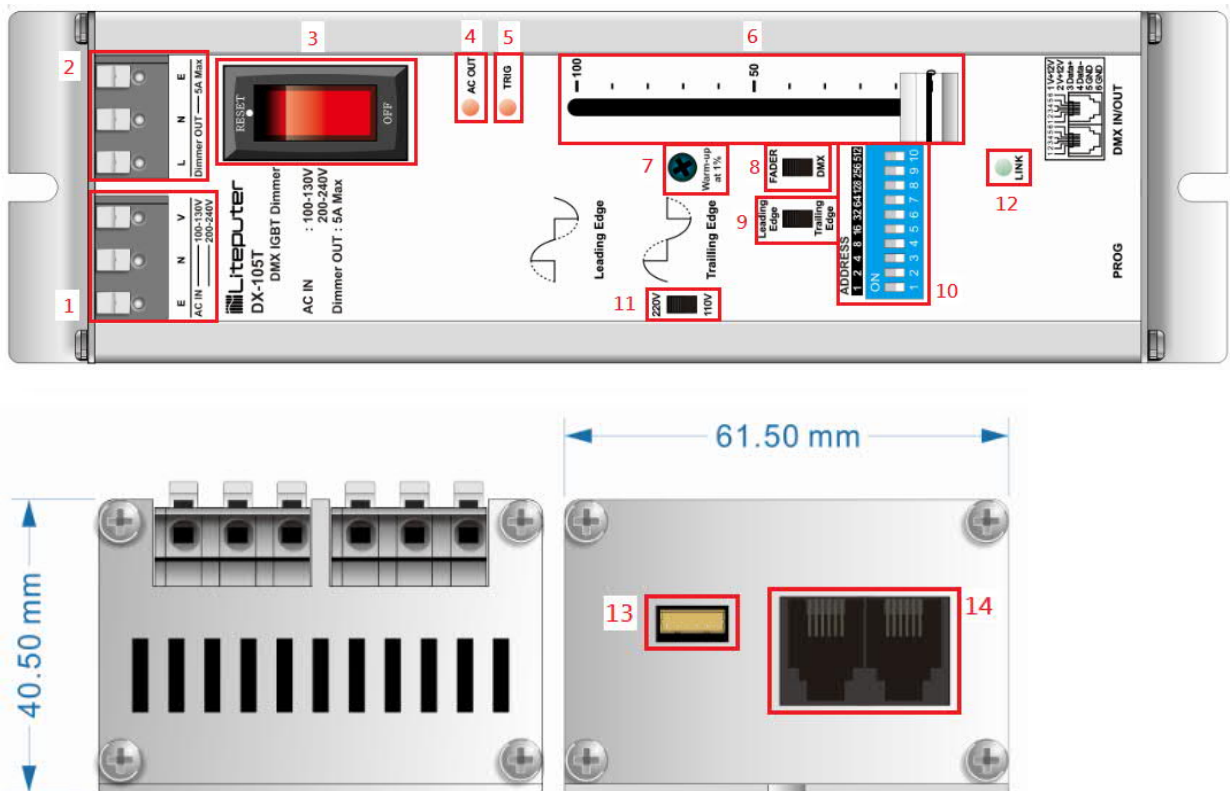
1-2 Specifications

- AC Input: AC100-240V
- Signal Input: DMX-512 or built-in slider
- DMX-512 Connector: RJ-12 (6P6C)
- Output: Leading-edge or trailing-edge dimming output.
- Maximum Output: 5.0A Max
- Dimension: 212.5 * 61.5 * 40.5mm
- Weight: 385g

1-3 Dimension

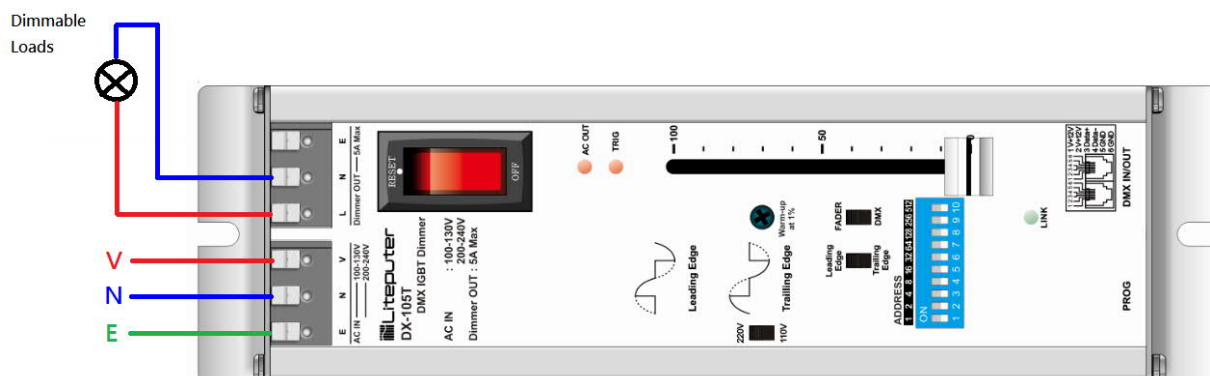


1-4 Panel Introduction



1. AC IN 100 - 240V
2. AC OUT 100 - 240V
3. Power ON/OFF
4. AC OUT Indicator
5. PWM Indicator
6. Dimming Slider
7. Minimum Output Setting
8. Switch: DMX-512 or built-in slider
9. Switch: leading-edge or trailing-edge dimming
10. DMX-512 Address
11. Input: AC 110V/220V (Switch)
(Please select voltage input correctly to get best dimming effect in low brightness)
12. DMX-512 Indicator
13. Upgrade Port
14. DMX-512 Input

1-5 Wiring Diagram



*When using, please keep the ambient temperature below 40 degrees C and maintain good ventilation
Turn power off before servicing*

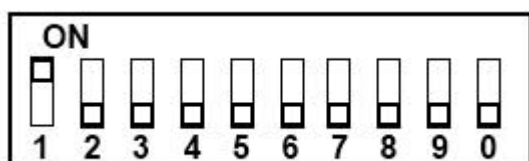
2 DMX-512 Address

2-1 DIP Switch Code

DMX-512 is determined by DIP Switch Code. It follows BCD code:

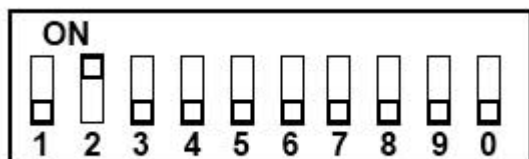
DMX-512 Address is 01 (2^0)

DIP Switch Code is 1000000000



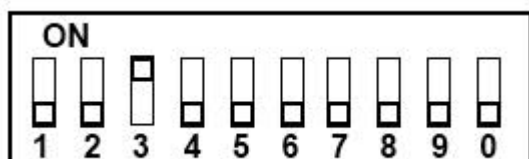
DMX-512 Address is 02 (2^1)

DIP Switch Code is 0100000000



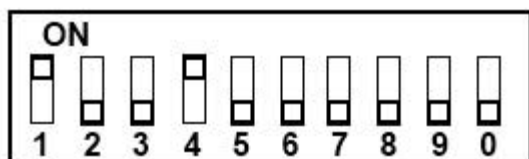
DMX-512 Address is 04 (2^2)

DIP Switch Code is 0010000000



DMX-512 Address is 09 ($2^0 + 2^3$)

DIP Switch Code is 1001000000



*Please refer appendix for DIP Switch Code and DMX-512 address

Appendix 1: DMX-512/DIP Switch Code

Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch
1	1000000000	33	1000010000	65	1000001000	97	1000011000	129	1000000100	161	1000010100
2	0100000000	34	0100010000	66	0100001000	98	0100011000	130	0100000100	162	0100010100
3	1100000000	35	1100010000	67	1100001000	99	1100011000	131	1100000100	163	1100010100
4	0010000000	36	0010010000	68	0010001000	100	0010011000	132	0010000100	164	0010010100
5	1010000000	37	1010010000	69	1010001000	101	1010011000	133	1010000100	165	1010010100
6	0110000000	38	0110010000	70	0110001000	102	0110011000	134	0110000100	166	0110010100
7	1110000000	39	1110010000	71	1110001000	103	1110011000	135	1110000100	167	1110010100
8	0001000000	40	0001010000	72	0001001000	104	0001011000	136	0001000100	168	0001010100
9	1001000000	41	1001010000	73	1001001000	105	1001011000	137	1001000100	169	1001010100
10	0101000000	42	0101010000	74	0101001000	106	0101011000	138	0101000100	170	0101010100
11	1101000000	43	1101010000	75	1101001000	107	1101011000	139	1101000100	171	1101010100
12	0011000000	44	0011010000	76	0011001000	108	0011011000	140	0011000100	172	0011010100
13	1011000000	45	1011010000	77	1011001000	109	1011011000	141	1011000100	173	1011010100
14	0111000000	46	0111010000	78	0111001000	110	0111011000	142	0111000100	174	0111010100
15	1111000000	47	1111010000	79	1111001000	111	1111011000	143	1111000100	175	1111010100
16	0000100000	48	0000110000	80	0000101000	112	0000111000	144	0000100100	176	0000110100
17	1000100000	49	1000110000	81	1000101000	113	1000111000	145	1000100100	177	1000110100
18	0100100000	50	0100110000	82	0100101000	114	0100111000	146	0100100100	178	0100110100
19	1100100000	51	1100110000	83	1100101000	115	1100111000	147	1100100100	179	1100110100
20	0010100000	52	0010110000	84	0010101000	116	0010111000	148	0010100100	180	0010110100
21	1010100000	53	1010110000	85	1010101000	117	1010111000	149	1010100100	181	1010110100
22	0110100000	54	0110110000	86	0110101000	118	0110111000	150	0110100100	182	0110110100
23	1110100000	55	1110110000	87	1110101000	119	1110111000	151	1110100100	183	1110110100
24	0001100000	56	0001110000	88	0001101000	120	0001111000	152	0001100100	184	0001110100
25	1001100000	57	1001110000	89	1001101000	121	1001111000	153	1001100100	185	1001110100
26	0101100000	58	0101110000	90	0101101000	122	0101111000	154	0101100100	186	0101110100
27	1101100000	59	1101110000	91	1101101000	123	1101111000	155	1101100100	187	1101110100
28	0011100000	60	0011110000	92	0011101000	124	0011111000	156	0011100100	188	0011110100
29	1011100000	61	1011110000	93	1011101000	125	1011111000	157	1011100100	189	1011110100
30	0111100000	62	0111110000	94	0111101000	126	0111111000	158	0111100100	190	0111110100
31	1111100000	63	1111110000	95	1111101000	127	1111111000	159	1111100100	191	1111110100
32	0000010000	64	0000001000	96	0000011000	128	0000000100	160	0000010100	192	0000001100

Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch
193	1000001100	225	1000011100	257	1000000010	289	1000010010	321	1000001010	353	1000011010
194	0100001100	226	0100011100	258	0100000010	290	0100010010	322	0100001010	354	0100011010
195	1100001100	227	1100011100	259	1100000010	291	1100010010	323	1100001010	355	1100011010
196	0010001100	228	0010011100	260	0010000010	292	0010010010	324	0010001010	356	0010011010
197	1010001100	229	1010011100	261	1010000010	293	1010010010	325	1010001010	357	1010011010
198	0110001100	230	0110011100	262	0110000010	294	0110010010	326	0110001010	358	0110011010
199	1110001100	231	1110011100	263	1110000010	295	1110010010	327	1110001010	359	1110011010
200	0001001100	232	0001011100	264	0001000010	296	0001010010	328	0001001010	360	0001011010
201	1001001100	233	1001011100	265	1001000010	297	1001010010	329	1001001010	361	1001011010
202	0101001100	234	0101011100	266	0101000010	298	0101010010	330	0101001010	362	0101011010
203	1101001100	235	1101011100	267	1101000010	299	1101010010	331	1101001010	363	1101011010
204	0011001100	236	0011011100	268	0011000010	300	0011010010	332	0011001010	364	0011011010
205	1011001100	237	1011011100	269	1011000010	301	1011010010	333	1011001010	365	1011011010
206	0111001100	238	0111011100	270	0111000010	302	0111010010	334	0111001010	366	0111011010
207	1111001100	239	1111011100	271	1111000010	303	1111010010	335	1111001010	367	1111011010
208	0000101100	240	0000111100	272	0000100010	304	0000110010	336	0000101010	368	0000111010
209	1000101100	241	1000111100	273	1000100010	305	1000110010	337	1000101010	369	1000111010
210	0100101100	242	0100111100	274	0100100010	306	0100110010	338	0100101010	370	0100111010
211	1100101100	243	1100111100	275	1100100010	307	1100110010	339	1100101010	371	1100111010
212	0010101100	244	0010111100	276	0010100010	308	0010110010	340	0010101010	372	0010111010
213	1010101100	245	1010111100	277	1010100010	309	1010110010	341	1010101010	373	1010111010
214	0110101100	246	0110111100	278	0110100010	310	0110110010	342	0110101010	374	0110111010
215	1110101100	247	1110111100	279	1110100010	311	1110110010	343	1110101010	375	1110111010
216	0001101100	248	0001111100	280	0001100010	312	0001110010	344	0001101010	376	0001111010
217	1001101100	249	1001111100	281	1001100010	313	1001110010	345	1001101010	377	1001111010
218	0101101100	250	0101111100	282	0101100010	314	0101110010	346	0101101010	378	0101111010
219	1101101100	251	1101111100	283	1101100010	315	1101110010	347	1101101010	379	1101111010
220	0011101100	252	0011111100	284	0011100010	316	0011110010	348	0011101010	380	0011111010
221	1011101100	253	1011111100	285	1011100010	317	1011110010	349	1011101010	381	1011111010
222	0111101100	254	0111111100	286	0111100010	318	0111110010	350	0111101010	382	0111111010
223	1111101100	255	1111111100	287	1111100010	319	1111110010	351	1111101010	383	1111111010
224	0000011100	256	0000000010	288	0000010010	320	0000001010	352	0000011010	384	0000001110

Address	DIP Switch	Address	DIP Switch	Address	DIP Switch	Address	DIP Switch
385	1000000110	417	1000010110	449	1000001110	481	1000011110
386	0100000110	418	0100010110	450	0100001110	482	0100011110
387	1100000110	419	1100010110	451	1100001110	483	1100011110
388	0010000110	420	0010010110	452	0010001110	484	0010011110
389	1010000110	421	1010010110	453	1010001110	485	1010011110
390	0110000110	422	0110010110	454	0110001110	486	0110011110
391	1110000110	423	1110010110	455	1110001110	487	1110011110
392	0001000110	424	0001010110	456	0001001110	488	0001011110
393	1001000110	425	1001010110	457	1001001110	489	1001011110
394	0101000110	426	0101010110	458	0101001110	490	0101011110
395	1101000110	427	1101010110	459	1101001110	491	1101011110
396	0011000110	428	0011010110	460	0011001110	492	0011011110
397	1011000110	429	1011010110	461	1011001110	493	1011011110
398	0111000110	430	0111010110	462	0111001110	494	0111011110
399	1111000110	431	1111010110	463	1111001110	495	1111011110
400	0000100110	432	0000110110	464	0000101110	496	0000111110
401	1000100110	433	1000110110	465	1000101110	497	1000111110
402	0100100110	434	0100110110	466	0100101110	498	0100111110
403	1100100110	435	1100110110	467	1100101110	499	1100111110
404	0010100110	436	0010110110	468	0010101110	500	0010111110
405	1010100110	437	1010110110	469	1010101110	501	1010111110
406	0110100110	438	0110110110	470	0110101110	502	0110111110
407	1110100110	439	1110110110	471	1110101110	503	1110111110
408	0001100110	440	0001110110	472	0001101110	504	0001111110
409	1001100110	441	1001110110	473	1001101110	505	1001111110
410	0101100110	442	0101110110	474	0101101110	506	0101111110
411	1101100110	443	1101110110	475	1101101110	507	1101111110
412	0011100110	444	0011110110	476	0011101110	508	0011111110
413	1011100110	445	1011110110	477	1011101110	509	1011111110
414	0111100110	446	0111110110	478	0111101110	510	0111111110
415	1111100110	447	1111110110	479	1111101110	511	1111111110
416	0000010110	448	0000001110	480	0000011110	512	0000000001

Limited Warranty

1. Lite-Puter is only responsible for the product itself.
2. Lite-Puter warrants to repair any manufacturing defects within one year of distribution date.
3. Lite-Puter does not offer on-site service. Should a defect appear in Lite-Puter ' s product, please deliver the product to local distributors or Taiwan Headquarters.
4. This Limited Warranty does not cover:
 - a. Any fault caused by false usage or imprudence (collision, inadequate installation or adjustment, insufficient ventilation, or improper repairs)
 - b. Force majeure factors (flooding, earthquake, volcanic eruption, or other factors beyond Lite-Puter ' s control).
 - c. Labor costs incurred in diagnosis of defects; installation, reinstallation, wiring, rewiring, repairing, adjustment, or reprogramming of a product; or any other consequential expenses.
 - d. Other Lite-Puter or non-Lite-Puter products or devices offered, packaged, or sold with the product.
5. Lite-Puter does not warrant that the product will operate without interruption or free of error.

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