American DJ® User Instructions

DP-DMX20

4 CHANNEL DMX POWER PACK

Thank you for purchasing this American DJ® product. For your convenience this product has been tested and is ready to be used, there is no assembly required. Please read the following instructions before installing or using your new unit.

Product Description:

The DP-DMX20™ 4 channel DMX Dimmer Pack can be set as a 4 channel DMX Dimmer or by changing the dip switch #10 it becomes a single DMXChannel dimmer with all four channels linked together in paralell. The DP-DMX20™ features include: zero-crossing circuitry, for protection of inductive loads; two 3-prong Edison sockets per channel; XLR connection; individual fuse for each channel; and a maximum output load of 10A per channel or 20A total. Great for permanent of mobile applications.

GENERAL FUNCTIONS (FRONT) :

1. POWER OUTPUT: 4 channel, 3-prong edison output sockets. 8 total output sockets.
2. FUSE: 4 x 10A fuses.

GENERAL FUNCTIONS (REAR) :

3. POWER INPUT: 120V AC power input.
4. Toggle switch to disable DMX when servicing.
5. DMX SIGNAL INPUT: XLR socket, connect to a DMX 512 Controller
6. DMX SIGNAL OUTPUT: XLR socket, connect to other DP-DMX20's™.
7. GREEN L.E.D.: Indicates which channels are in use.
8. RED L.E.D. + POWER SWITCH: Turn power switch on, Red L.E.D. will be on when connected to power.
9. DMX DIPSWITCH: **When using DMX Pack-** Follow DMX addressing on page 2 for desired channel settings.
Note: dipswitch #10 must be off for DMX 4 channel mode.
When using as a Single DMX channel-
assign DMX dip switch 10 to the 'ON' position. The unit parallels all channels together.
10.Yellow L.E.D. is lit when receiving DMX. If not lit check toggle switch.

Specifications: Model DP-DMX20™
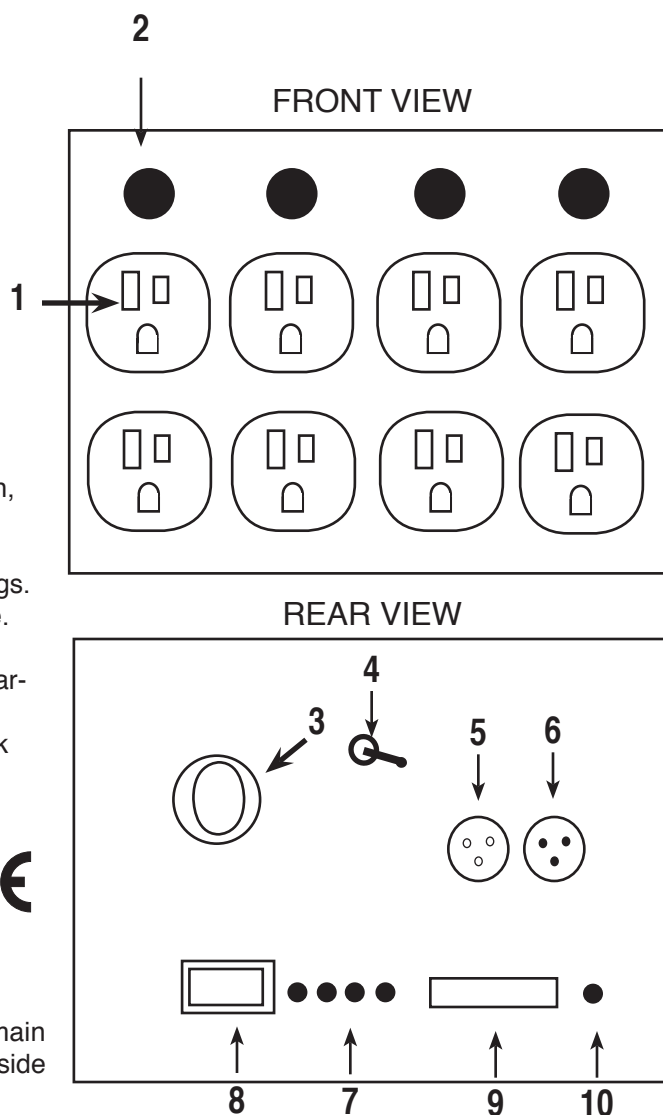**Dimensions: 8.5" x 7" x 4.5", Weight: 5 lbs.**
Output load: 10A per channel or 20A total
Power: 120V 60Hz

For service, contact your American DJ® Dealer.

Caution! Always disconnect the DP-DMX20™ from main power before servicing unit, there may be high voltage inside console. Remember to always replace with same fuses.
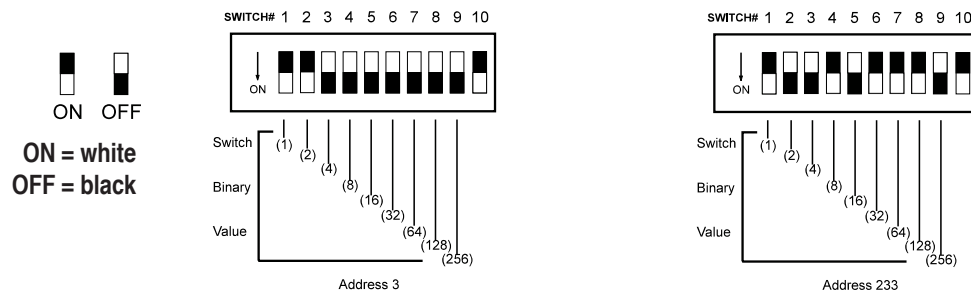
FRONT VIEW

REAR VIEW

American DJ ® | *User Instructions*

4 CHANNEL DMX POWER PACK

DMX Dipswitch Addressing -

The rated value of the dipswitch is equal to the DMX channel address. (ie. see illustrations below)
• To set designated switch value to **ADDRESS 3** (DMX channel 3) = switch 2 (value of 2) "ON" + switch 1 (value of 1) "ON" + switch 10 "ON" = total value of 3
• To set designated switch value to **ADDRESS 233** (DMX channel 233) = switch 8 "ON" (value of 128) + switch 7 "ON" (value of 64) + switch 6 "ON" (value of 32) + switch 4 "ON" (value of 8) + switch 1 "ON" (value of 1) = total value of 233

ON   OFF

ON = white
OFF = black

Address 3

Address 233

START CH #	SWITCH ON	START CH #	SWITCH ON	START CH #	SWITCH ON	START CH #	SWITCH ON
1	1	26	2,4,5	51	1,2,5,6	76	3,4,7
2	2	27	1,2,4,5	52	3,5,6	77	1,3,4,7
3	1,2	28	3,4,5	53	1,3,5,6	78	2,3,4,7
4	3	29	1,3,4,5	54	2,3,5,6	79	1,2,3,4,7
5	1,3	30	2,3,4,5	55	1,2,3,5,6	80	5,7
6	2,3	31	1,2,3,4,5	56	4,5,6	81	1,5,7
7	1,2,3	32	6	57	1,4,5,6	82	2,5,7
8	4	33	1,6	58	2,4,5,6	83	1,2,5,7
9	1,4	34	2,6	59	1,2,4,5,6	84	3,5,7
10	2,4	35	1,2,6	60	3,4,5,6	85	1,3,5,7
11	1,2,4	36	3,6	61	1,3,4,5,6	86	2,3,5,7
12	3,4	37	1,3,6	62	2,3,4,5,6	87	1,2,3,5,7
13	1,3,4	38	2,3,6	63	1,2,3,4,5,6	88	4,5,7
14	2,3,4	39	1,2,3,6	64	7	89	1,4,5,7
15	1,2,3,4	40	4,6	65	1,7	90	2,4,5,7
16	5	41	1,4,6	66	2,7	91	1,2,4,5,7
17	1,5	42	2,4,6	67	1,2,7	92	3,4,5,7
18	2,5	43	1,2,4,6	68	3,7	93	1,3,4,5,7
19	1,2,5	44	3,4,6	69	1,3,7	94	2,3,4,5,7,
20	3,5	45	1,3,4,6	70	2,3,7	95	1,2,3,4,5,7
21	1,3,5	46	2,3,4,6	71	1,2,3,7	96	6,7
22	2,3,5	47	1,2,3,4,6	72	4,7	97	1,6,7
23	1,2,3,5	48	5,6	73	1,4,7	⋮	⋮
24	4,5	49	1,5,6	74	2,4,7	⋮	⋮
25	1,4,5	50	2,5,6	75	1,2,4,7	511	1,2,3,4,5,6,7,8,9