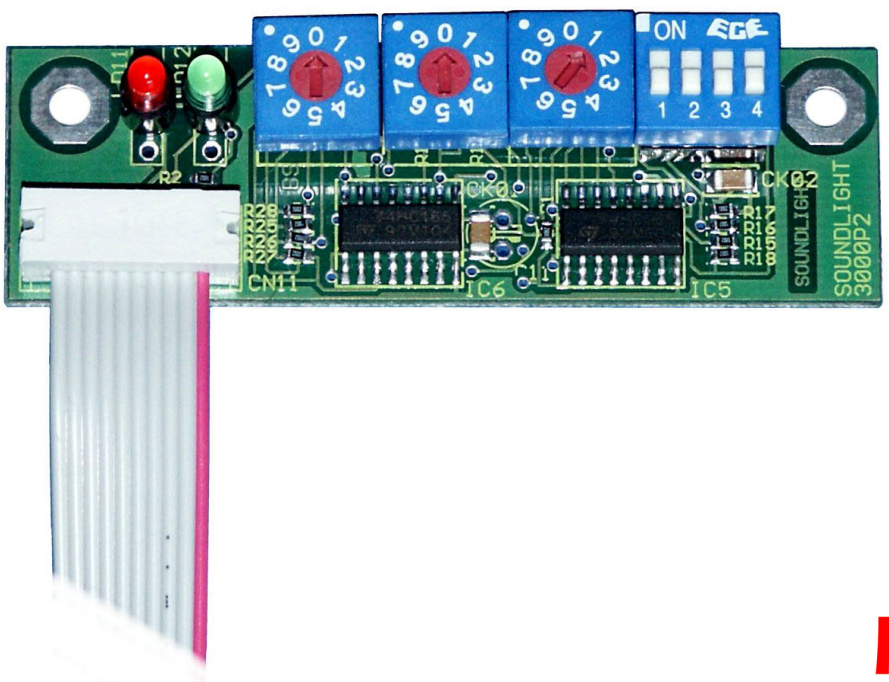
OPERATING MANUAL

DMX Start Address Board 3000P



RoHS compliant

(C) SOUNDLIGHT 1996-2011 * ALL RIGHTS RESERVED * NO PART OF THIS MANUAL MAY BE REPRODUCED, DUPLICATED OR USED COMMERCIALLY WITHOUT THE PRIOR WRITTEN CONSENT OF THE OWNER * ALL STATEMENTS WITHIN THIS MANUAL HAVE BEEN CHECKED CAREFULLY AND ARE BELIEVED TO BE ACCURATE, HOWEVER SOUNDLIGHT DOES NOT ASSUME ANY RESPONSIBILITY FOR ERRORS OR OMISSIONS. * THE USER HAS TO CHECK THE SUITABILITY OF THE EQUIPMENT FOR THE INTENDED USE. SOUNDLIGHT EXPRESSLY EXCLUDES ANY RESPONSIBILITY FOR DAMAGES - DIRECT OR INDIRECT - WHICH MAY OCCUR DUE TO MISUSE, UNPROPER INSTALLATION, WRONG OPERATING CONDITIONS AND NON-COMPLIANCE TO THE INSTRUMENT'S INSTRUCTIONS, AS WELL AS IGNORANCE OF EXISTING SAFETY REGULATIONS..

SOUNDLIGHT *The DMX Company* Bennigser Strasse 1 D-30974 Wennigsen-Steinkrug Tel.: +49-(0)5045-912 93-11

Thank you for choosing SOUNDLIGHT.

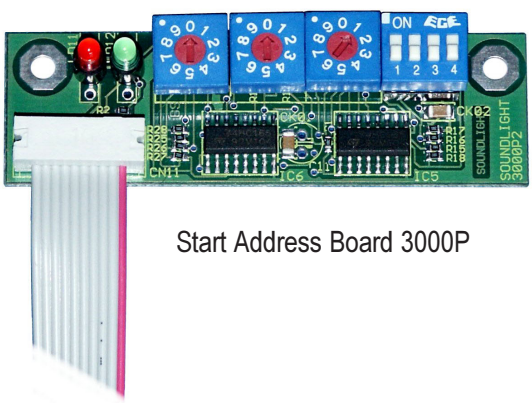
The SOUNDLIGHT start address board is easy to use, convenient and can be used with all SOUNDLIGHT products. Its special advantages include:

- future-proof
  works with all SOUNDLIGHT products, printed circuit borads and DIN rail mount devices alike. Can be used with RDM units. Sets start address, DMX HOLD and DMX personality.

- cost-effective
  The SOUNDLIGHT 3000P is a cost-effective solution for many purposes.

APPLICATIONS

The start address board 3000P is the basic product and can be used with all SOUNDLIGHT DMX decoders. The 3000P uses easy-to-read decimal switches, bypassing the need for binary conversion. Additional DIP switches allow to set specific decoder properties.



Start Address Board 3000P

The 3000P can be replaced with the 3003P (LED display model).

CONNECTORS

A 10-conductor ribbon cable with scotchflex connector is used to connect the 3000P to the decoder.

LED SIGNALLING

Please refer to the appropriate decoder manual for a description of the respective LED signalling. Basically, the LED signalling conform to this scheme:

RED blinking:	ERROR, nor DMX signal present
GREEN steady:	OK, DMX signal present
GREEN blinking:	no valid DMX start address set
4x RED/GREEN blinking:	programming cycle takes place

START ADDRESS

The start adress defins the number of the first data slot occupied by the decoder in use. Valid start address settings are 001 ... (513- [number of slots used]). So for a 4-channel decoder the start address range is 001 thru 509. Start address 000 is mostly used to disable DMX reception; start address settings 600...999 may be used to set decoder specific functions.

SETTING THE START ADDRESS

Simply set the start address as read: Hundreds, Tens, Ones (example shown: 001)

DIP SWITCHES

The DIP switchs are used to set decoder specific functions (refer to the decoder manual for more information). Usually, standard DIP switch assignment includes:

DIP SWITCH 1: **DMX HOLD**
ON: last valid setting retained at loss of control signal
OFF: see DIP SWITCH 2

DIP SWITCH 2: **FAILURE LEVEL**
ON: all outputs to ON/FULL at loss of control signal
OFF: all outputs to OFF/ZERO at loss of control signal

DIP SWITCH 3/4: **DMX PERSONALITY**
OFF/OFF: PERSONALITY 1
OFF/ON: PERSONALITY 2
ON/OFF: PERSONALITY 3
ON/ON: PERSONALITY 4
Refer to the appropriate decoder manual for more information.

DMX RDM

The 3000P can be used with RDM compatible DMX decoders. Please note, that the start address board 3000P will get disengaged (locked) as soon as a RDM programming has taken place. The start address board must be unlocked manually to be re-angaged. To do so, temporarily set a start address in the range 900...999 (simply turn the "hundreds" position to "9") and wait until a programming cycle occurs. Then re-set the start adress the the value used before. Another programming cycle should occur. RDM settings haven then been overridden with the start address board settings.

TECHNICAL DATA

Dimensions:	72 mm x 23 mm
Power Supply:	automatically, from Host
Operating temperature:	0...+50C
Storage temperature:	-20...+70C
Product info:	www.soundlight.de/3000P
Order Code:	3000P

DISTURBANCES

If a trouble-free operation cannot be guaranteed, disconnect the interface and secure it against unwanted operation. This is especially necessary, when
- the unit has visible damages;
- the unit does not operate;
- internal parts are loose;
- connection cables show visible damages.

LIMITED WARRANTY

This instrument ist warranted against defects in metarials and workmanship for a period of 12 month, beginning with the date of purchase. The warranty is limited to repair or exchange of the hardware product; no further liability is assumed. SOUNDLIGHT is not responsible for damages or for loss of data, sales or profit which arise from usage or breakdown of the hardware product. In germany, SOUNDLIGHT will repair or replace established defects in hardware, provided that the defective part is sent in, freight paid, through the responsible dealer along with warranty card and/or sales receipt prior to expiration of warranty.
Warranty is void:
- when modifying or trying to repair the unit without authorisation;
- modification of the circuitry;
- damages by interference of other persons;
- operation which is not in arccordance with the manual;
- connection to wrong voltage or current;
- misuse.

SERVICE

There are no parts within the start address board which require the user's attention. Should your unit require servicing, please send it to the factory, freight paid.

INTERNET-HOTLINE

Please check our internet domain **http://www.soundlight.de** for new versions, updates etc. If you have any comments which may be worth considering, please send a message to ***support*@*soundlight.de***. We will check your message and reply accordingly.

END-OF-LIFETIME

When the useful lifetime of this product has been reached, is must be disposed of properly. Electronic devices must not be placed in domestic waste.
SOUNDLIGHT is a WEEE registered brand: WEEE DE58883929