

## NDPseries dimmer pack: NDP60xx with TFT display

NDP12xx and NDP60xx in September 2014 received 4xmore powerful microprocessor and TFT full color display for easier organization of menu and better contrast ration.

Digital dimmer pack NDP60xx is designed to fulfill all the top requirements of the most demanding lighting applications e.g. theatres, live concerts and also permanent installations. Unit created as the best choice for users requiring maximum flexibility, top class features and superb netwok connections.



Unit is controlled by high speed processor with 12 bit resolution D/A converter. This technology guarantee trouble-free operation and high proof against negative surround influence with top class Riestime 400us. All NDPseries dimming units are covered by 5 years guarantee.

## Main Features:

- Integrated GFI or Main switch
- 6A / 10A / 13A / 16A / 25A / 32A modules
- NEW 2004 Features
  - Optional DIMM/RELAY switch option (Relay on AC230 / 16A)
  - $\circ$  Optional Measure of current per dimmer output
  - Optional pulse transformers on TRIACS for zero load control
  - Main voltage, temperature, frequency, DMX line status on LCD
- 16x Scene with fade in between of scenes
- Software patch / Preheat / Custom curve options for each channel
- Ethernet port: SRSnet<sup>™</sup>, ArtNET<sup>™</sup>, sACN control protocols, \* other on request
- USB port: software update/presets/protection of unit
- 2x DMX512 port with full RDM support
- SRS Ultisense<sup>™</sup> free setup/monitoring software
- SRS S-DRIVE<sup>™</sup> technology
- SRS Generator<sup>™</sup> technology
- SRS Studio<sup>™</sup> Risetime: 400us
- SRS Thermal<sup>™</sup> management
- SRS Variospeed<sup>™</sup>
- Audible warnings for voltage, frequency, Neutral disconnection
- High efficiency, less than 2% thermal lost on channel on full load







## Configurations table:

Туре		NDP6006	NDP6010	NDP6013	NDP6016	NDP6025	NDP6032				
Number of channels		6									
Protection Type		Phase only									
Maximum output	current /channel	6 A	A 10 A 13 A 16 A 2				32 A				
Main voltage / Frequency		3 x 230V/400V , 40-65Hz									
Maximum curren	t	3 x 12A	3 x 20 A	3 x 26 A	3 x 32 A	3 x 50 A	3 x 64 A				
Load	Min.	0 W - SRS S-DRIVE technology									
	Max.	1380 W	2300 W	2990 W	3680 W	5750 W	7360 W				
Main protection		RCD 30mA or 4 pole switch									
Connections	DMX512	2x DMX512 port , RDM capable									
	Ethernet	SRSnet, ARTnet, * other on request									
	W-DMX	optional W-DMX Receiver/Transmiter									
Highlights		Ultisense monitoring, Critical alerts, 5 years warranty, optional current measuring									
Risetime		400µs									
Weight		28kg									
Dimension W x H x D		483 x 132 x 460 mm									

## Ultisense snapshot:

FILE SETTINGS HELP	LOGS JOB NAME: Spiritual tour 2010										UPTIME: 237d 7h 32m			
UITISENSE FRONT RACK 2 / Dimmer3 192.168.1.3							н							
FRONT RACK 2 192.168.1.1 Dimmer1		1: 5 V	L2: 232 V	2	L3: 28 V									
192.168.1.2 Dimmer2 192.168.1.3 Dimmer3	23.	4 A	18.9 A		7.9A									
192.168.1.4 Dimmer4		Г:	f:		W-DMX:									
STAGE RACK 3	33	°C	50Hz		90 %	Chan	nel 1	2	3 4	5	6	7 8	9	10 11 12
192.168.2.1 Dimmer1 192.168.2.2 Dimmer2	СН.	N	AME	S	PREH.	MODE	DMXA	@DMXA	DMXB	@DMXB	@OUT	OUTPU	r load	CURVE TYPE
192.168.2.3 Dimmer3	1	R	EDS	ок	10	HTP		23 %	1	10 %	23 %	3.0 kW	12.8 A	LINEAR
192.168.2.4 Dimmer4	2	STRA	ND 2KW	ок	0	HTP	2	100 %	3	10 %	100 %	2.0 kW	8.5 A	S-CURVE
	3	UPS	STAIRS	ОК	6	HTP	3	11 %	12	23%	23 %	750 W	3.2 A	CUSTOM1
STAGE RACK 4	4	DEF	AULT1	NC	0	LTP	4	18 %	15	10 %	18 %	ow	0 A	SWITCH
192.168.3.1 Dimmer1	5	СМ	IELAK	ок	0	LTP	5	20 %	222		89 %	3.0 kW	12.9 A	LOGARITHM
192.168.3.2 Dimmer2	6	PA	R 64	ок	0	MANUAL					3 %	3.0 kW	12.9 A	LOGARITHM
192.168.3.3 Dimmer3	7	YEI	LOW	ок	0	MANUAL					59 %	1.2 kW	5.2 A	LOGARITHM
192.168.3.4 Dimmer4	8	PR	OFILE	ОК	0	HTP		89 %	132	19%	89 %	750 W	3.2 A	S-CURVE
	9	PRC	FILE2	BT	0	DMXB		%	512	10 %	10 %	0 kW	0 A	S-CURVE
	10	FRON	T LIGHT	NC	0	DMXB		%	312	100 %	100 %	1.5 kW	6.6 A	SWITCH
	11	BACK	LIGHT	ОК	0	DMXA	11	23 %		%	23 %	750 W	3.3A	LINEAR
	12	OVERL	OAD TEST	BT	0	DMXA	512	56 %		%	56 %	4.0 kW	17.5 A	LINEAR
UNIT DISPLAY: 📕 % / # LOAD DISPLAY: 🗾 nom./real.										23.2.2010 14:53:28				

