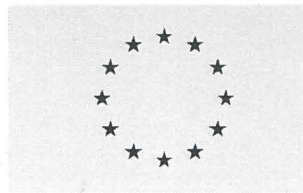


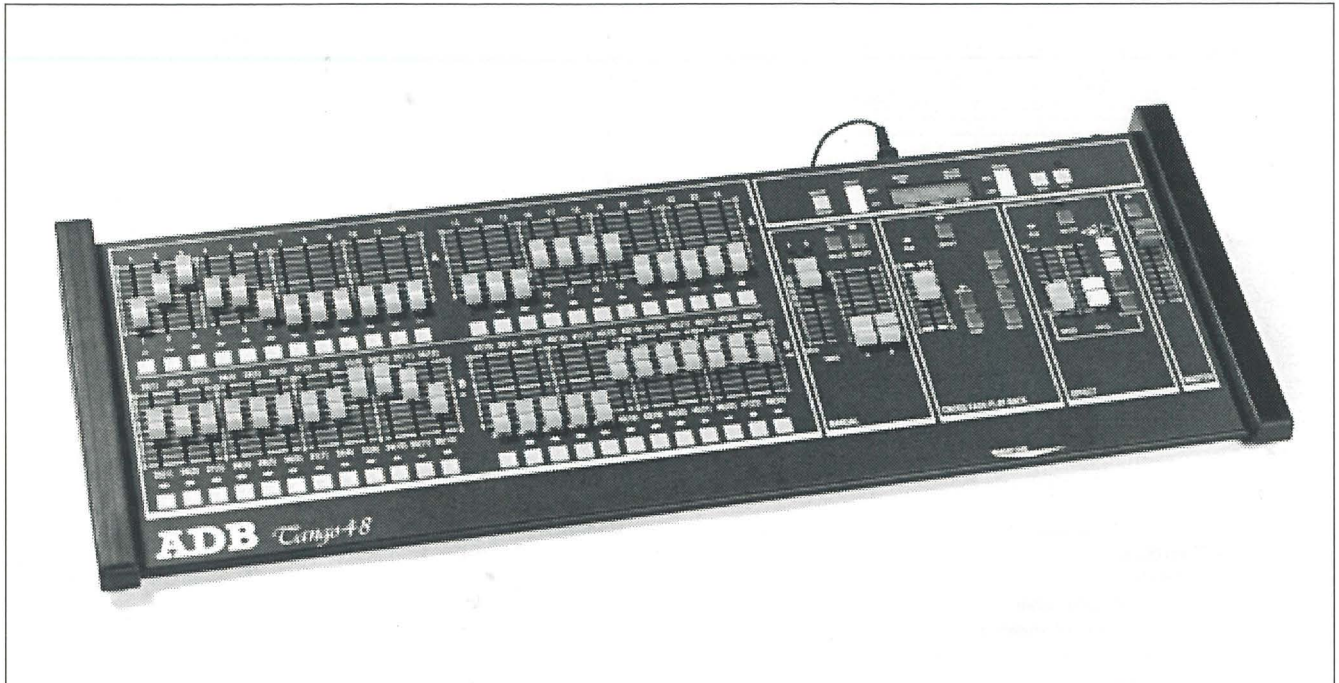
TANGO 48

Effects/Memory Lighting Control Desk
48 channels



ADB
A Siemens Company

DE 1025 B



Description

- 1 or 2 presets, user selectable
- 48 flash keys
- Manual or timed dipless crossfade between presets
- General master + ON/OFF key
- 999 different memories
- 999 memory numbers + 5 inserts between each
- One effect master panel for controlling effect time, mode, direction and intensity
- 48 predefined effect patterns + 1 memory effect
- Remote operation of START key and effect START/STEP key
- Direct access for memory modification
- Memory protect key
- Smart card library storage
- Softpatch up to 96 dimmers
- Comprehensive LCD display
- Actual outputs on LED's (on - off)
- External power supply
- High quality faders
- Galvanic isolation on DMX 512/1990 output

References

TANGO 48 DMX512/1990 output	TANGO/48/DMX
TANGO 48 DMX512/1990 + analogue outputs	TANGO/48/ANA

Supplied with:

- 1 External power supply unit with double isolation to EN 60742 safety standard
input: 190 - 260 V, 50 Hz
output: 21 V dc nominal at 750 mA
- 1 operating manual in 4 languages (English, French, Dutch and German)
- 1 XLR5 male connector for data cable

Options

- 48 channel analogue output card 370 μ A and 0/+ 10 V CARTE/ANA/48

Accessories

- 64K long life memory card MEMO/CARD/64K
- 8-contact male connector for remote control of crossfade and effect «START» functions DIN/8M
- Dust cover for TANGO 48 HOUSE/TANGO48

Characteristics

Power requirement	: 18-36 V dc
Consumption	: 400 mA at 24 V

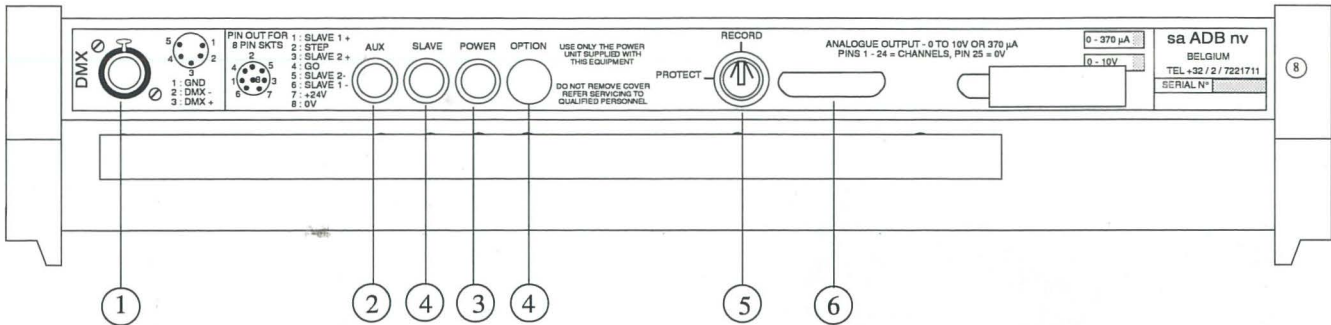
Dimensions

Width x depth	: 815 x 315 mm
Height	: 30 - 118 mm
Net weight	: 8 kg

Packing

Dimensions	: 860 x 340 x 130 mm
Gross weight	: 10 kg

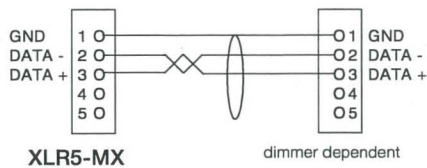
TANGO 48



Interconnection Cables

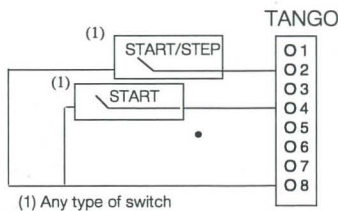
DIGITAL PROTOCOL (DMX 512/1990)

Maximum length of data cable : 250 m
Cable size : 3 x 0,34 mm² shielded



REMOTE OPERATION

Maximum length of data cable : 250 m
Cable size : 2 x 0,34 mm² shielded



Connector layout

1. **DMX**
DMX 512/1990 output connector (5 pin female XLR connector)
pin-out : 1: GND
2: DMX-
3: DMX+
2. **AUX**
Socket (8 pin female DIN connector) for
 - remote operation of START key : connect pins 4 and 8 together
 - remote operation of effect START/STEP key : connect pins 2 and 8 together
3. **POWER**
Input socket (8 pin female DIN connector) for plugging external power supply unit
4. **SLAVE and OPTION**
Sockets (8 pin female DIN connectors): spare connectors for possible future extensions

Note :
2 -> 4 All these connectors are connected in parallel : different pins are used for each function
5. **RECORD / PROTECT key** : see operating manual
6. **ANALOGUE OUTPUT**
optional 1 or 2 25-pin D type female connectors
 - first connector is used for dimmers 1 to 24
 - pins 1-24 : dimmers 1-24
 - pin 25 : 0 V
 - second connector is used for dimmers 25 to 48
 - pins 1-24 : dimmers 25-24
 - pin 25 : 0 V

ADB - Your Partner for Light

Belgium	N.V. ADB S.A. (Group Headquarters) Leuvensesteenweg 585, B-1930 Zaventem Tel : +32 / 2 / 722.17.11, Fax : +32 / 2 / 722.17.64
Deutschland	ADB GmbH Dieselstraße 4, D-6052 Mühlheim am Main Tel : 06108 / 66204, Fax : 06108 / 66205 Büro Nord : Tel : 05331 / 469329, Fax : 05331 / 469177 • Büro Ost : Tel : 030 / 63815100, Fax : 030 / 63815000 • Büro Süd-West : Tel : 06509 / 8570, Fax : 06509 / 8560
France	ADB S.A. rue de la Vanne 47, F-92120 Montrouge / Paris, Tel : 1 / 41.17.48.50, Fax : 1 / 42.53.54.76 ADB Lyon : Tel : 78.58.46.50, Fax : 72.72.98.20
Great Britain	LSI Siemens House (Tollbridge), Windmill Road, Sunbury-on-Thames, Middlesex TW 16 7HS Tel : 0932 / 75.28.85, Fax : 0932 / 75.28.83

ADB
A Siemens Company