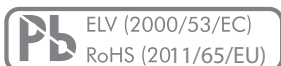


## Product description

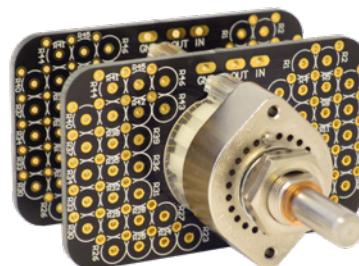
### MAIN FEATURES

47 POSITIONS SHUNT TYPE AUDIO ATTENUATOR  
FOR LARGE SIZE THT RESISTORS

- › 47 positions with selectable end stops
- › Low profile: 36 mm height
- › Up to 2 channels
- › For resistors with up to 5 mm body diameter
- › Exceptional sonic performance with precise switch feel
- › Low-bounce contact system with 3 µm gold plating
- › Free Excel resistor calculator tool available



### SERIES A47 JUMBO two-channel version



### PRODUCT VARIETY

- One or two channels available

### POSSIBLE CUSTOMIZATIONS

- Shafts, concentric construction

### TYPICAL APPLICATIONS

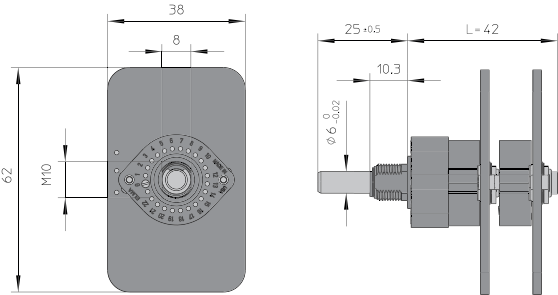
- Mixing desks and outboard studio equipment
- Home audio and home theater

### DESCRIPTION

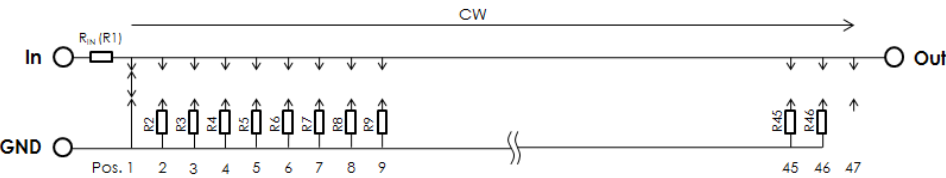
The A47 JUMBO audio switch series incorporates a PCB based switch contact system that is specifically designed to meet audiophile requirements for superb sonic performance. These shunt type attenuators provide 47 positions and are available in one or two channel versions, while offering switch turning torques of 1.5, 2.5 and 5 Ncm. The PCB is designed to accommodate a maximum resistor dimension of 5 mm body diameter by 12 mm body length. The A47 JUMBO series feature Elma's hallmark indexing feel for superior tactile feedback.

**Dimensions, pin assignment and circuit diagram**

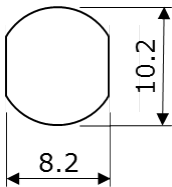
**SWITCH DESIGN**



**PIN ASSIGNMENT AND CIRCUIT DIAGRAM**

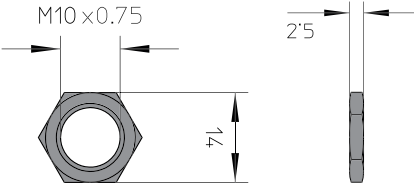


**FRONT PANEL CUT OUT**

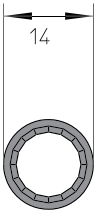


**NUT**

HEX NUT



LOCK WASHER



Dimensions in mm  
Tolerances according to DIN ISO 2768-1 (m), unless otherwise specified

## Ordering information

### ORDERING CODE

<b>A47</b>	<b>-</b>	<b>JUM</b>	<b>-</b>	<b>-</b>
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#### SWITCHING TORQUE

- A** 1.5 Ncm
- B** 2.5 Ncm
- C** 5 Ncm

#### NUMBER OF WAFERS

- 1** 1 wafer
- 2** 2 wafers

### PACKAGING

Single piece packed, lock washer and two nuts are included

### ACCESSORIES AND SPARE PARTS

Spare nut:

Part number 5622-16

Stop screws:

10 pieces / bag, part number 4124-21

## Specifications

### GENERAL

Indexing resolution:	47 positions (7.5° indexing   345° total switch travel)
Switching torque:	1.5, 2.5 or 5 Ncm (± 30% over temperature range and life)
Rotational life:	25'000 cycles (over temperature range, at 120 RPM)
Contact system:	Low-bounce wiper with 3 µm hard gold plated PCB
Resistors dimension:	Ø 5 x 12 mm max. body size, Ø 1 mm max. lead diameter
Taper:	Use free calculator (excel) to determine resistor values according to desired tapers

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