

**General Description**

The Rane KTM 6 is a panel kit used to mount amplifier distribution transformers for the MA 6S. Three different transformers can be ordered:

- 100 W with 70.7 Vrms and 25 Vrms output taps
- 100 W with a 100 Vrms tap
- 300 W with 70.7 Vrms and 25 Vrms output taps.

These transformers are user-mounted to a 19" wide rack-mount steel panel. Up to six 100 watt transformers or three 300 watt transformers can mount to the panel. 100 watt and 300 watt transformers can be mixed and matched. Some useable configurations: six 100 watt transformers...four 100 watt and one 300 watt transformers...two 100 watt and two 300 watt transformers... or three 300 watt transformers.

The KTM 6 panel and transformers are ordered and shipped in separate packages.

*Note: These are true transformers, not autoformers.*

**Features**

- 100 W or 300 W Rating per Transformer
- Tapped Secondaries:
  - TF 170 - 100 W/70.7 Vrms model - 25 Vrms & 70.7 Vrms
  - TF 370 - 300 W/70.7 Vrms model - 25 Vrms & 70.7 Vrms
  - TF 110 - 100 W/100 Vrms model
- Special M6 Steel Lamination for Reliable Low Distortion Operation
- 3-Space Rack Mount
- Mix and Match 100 W and 300 W
- Wide Frequency Response

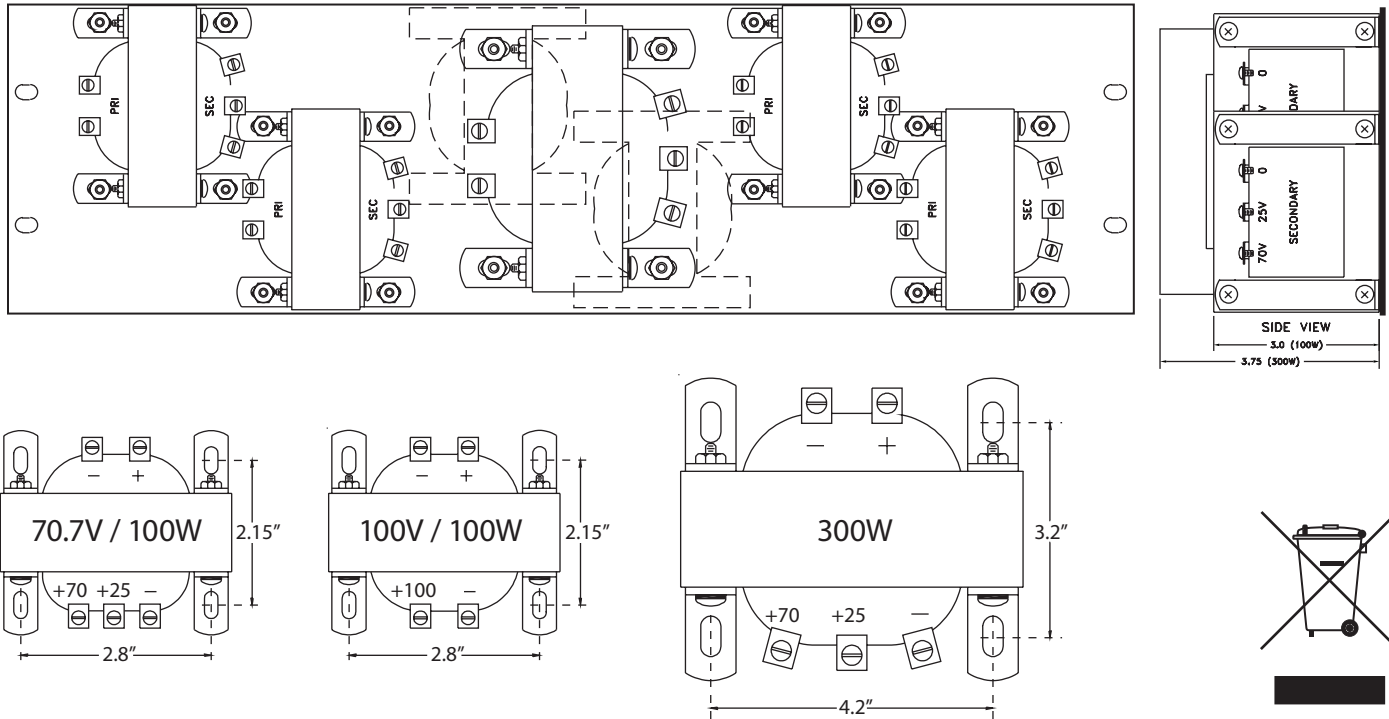
Parameter	Specification	Limit	Units	Conditions/Comments
Transformers: Rating	100 or 300		W	Max continuous power
.....Connectors	No. 8 [10] Screw Terminals			On individual transformers
Inputs: Voltage	28.28 [48.99]		Vrms	100 W [300 W]
.....Current	3.54 [6.12]		Arms	100 W [300 W]
Output Tap 1: Voltage	70.7 {100}		Vrms	
.....Current	1.41 [4.24] {1}		Arms	100 W [300 W]
Output Tap 2: Voltage	25.0 {na}		Vrms	
.....Current	4.0 [12.0]		Arms	100 W [300 W]
Frequency Response	50-15 kHz	+0/-3	dB	
THD	0.02	.01	%	+4 dBu, 20-20 kHz
Unit: Panel Construction	12 Gauge Steel Panel			
.....Size-100 W	5.25"H x 19"W x 3"D			(13.3 cm x 48.3 cm x 7.6 cm)
.....Size-300 W	[5.25"H x 19"W x 3.75"D]			[(13.3 cm x 48.3 cm x 9.5 cm)]
.....Weight (with 6 x 100 W)	21 lb			(9.5 kg)
Shipping Carton Sizes: Panel	21" x 8" x 1.5"			(53 cm x 20 cm x 4 cm)
.....Transformers	7.5" x 6" x 5.5"			(19 cm x 15.4 cm x 14 cm)
Shipping Weight: Panel	4 lb			(1.8 kg)
.....Transformers	4 lb 100 W [10 lb 300 W]			(1.8 kg 100 W) [(4.5 kg 300 W)]
<i>Items in [ ] refer to a 300 W 25/70.7 Vrms transformer</i>		<i>Items in { } refer to a 100 W 100 Vrms transformer</i>		

# KTM 6

## TRANSFORMER MOUNTING PLATE



### Rear Panel



### Architectural Specifications

The KTM 6 is a plate that may consist of up to (6) 100 W or (3) 300 W transformers mounted on a common 12 gauge steel panel. This steel panel is rack mountable and requires (3) rack spaces.

Each transformer shall have a separate primary winding and tapped secondary winding, with the primary rated for either 100 W, or 300 W, 8 Ω and the tapped secondary rated for 70.7 Vrms or 25 Vrms. (Please note that the 100 W, 100 V has only one secondary rated for 100 Vrms output.)

Frequency response shall be from 50-15 kHz (+0/-3 dB) with total harmonic distortion not to exceed 0.25% for 100 W output, or 0.5% for 300 W output.

Input and output wiring connectors shall be #8 screw terminals (100 W) or #10 screw terminals (300 W) attached to each transformer.

*The transformer plate shall be a Rane Corporation model KTM 6.*

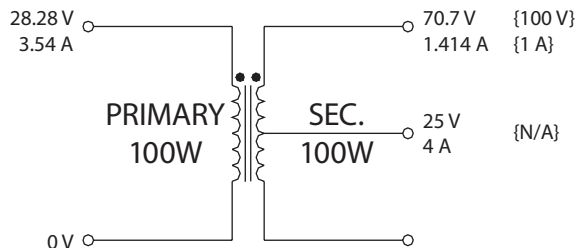
### Available Accessories

- MA 6s - Multichannel Amplifier
- TF 170 - Individual 100 W/70.7 and 25 Vrms Transformer
- TF 110 - Individual 100 W/100 Vrms Transformer
- TF 370 - Individual 300 W/70.7 and 25 Vrms Transformer

### Electrical Diagram 100W

TF 170 = 100W/70.7V

{TF 110 = 100W/100V}



Items in {} are for 100W / 100V transformer

### Electrical Diagram 300W

TF 370 = 300W/70.7V

