

FR3-BA Series USER MANUAL

FR3 Series – Chassis Card Cage Product Specifications

Universal 19" Card Cage

PRODUCT DESCRIPTION

The KBC FR3xx series is a standard 19 inch rack mounted card cage that accommodates 3U chassis card products. Different models, such as transmitters and receivers, may be co-located in the same rack. All modules located within the rack are hot-swappable so that it is not necessary to power down the rack when removing or replacing modules. Rear card insertion provides an attractive appearance to the front panel.



SPECIFICATONS	
Input Voltage	Input:100~120VAC, 3.15A, 50/60Hz Output:+5VDC, 20A
	Input:200~240VAC, 1.5A, 50/60Hz Output:+5VDC, 20A
Slots	14 one-inch slots accommodating up to 14 single width modules.
Dimensions (L×W×H)	482.8mm×313.6mm×133mm
MTBF	> 100,000 Hours
Operation Temperature	-40° ~+70°C, ambient
Storage Temperature	-40° ~+75°C, ambient
Relative Humidity	0~95% (non-condensing)

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
FR3-BA	19" Rack, 200~240VAC input (includes power supply)

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Instruction of Disassembly of KBC Product (For EU Directive 2002/95/EEC—WEEE)

Tools Required:

- 1) 5 mm flat tip screwdriver
- 2) $\Phi 3$ cross tip screwdriver
- 3) $\Phi 5$ cross tip screwdriver
- 4) Size small snip nose pliers
- 5) 15 mm spanner

Steps for Disassembly:

- 1) Remove tightening screws of box cover (1 or 4-8 screws in general);
- 2) Remove lock nut for BNC with spanner;
- 3) Remove cover plate;
- 4) Remove tightening screws for printed circuit board (PCB);
- 5) In case the assembly has more than one PCB then continue removing the remain tightening screws until none left;
- 6) Use snip nose pliers to loose the nut of flange and then remove optic cable connector (jump wire);
- 7) Snip off power conducting cable and remove power switch /jack/etc.;
- 8) Take out all PCBs;
- 9) Disassembly of product completed.

Notice: When a product reaches the end of it's life—return to KBC

Warning

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.