



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for RANE FLT 22. You'll find the answers to all your questions on the RANE FLT 22 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual RANE FLT 22  
User guide RANE FLT 22  
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Professional Audio Products Data Sheet

FLT 22

LINE TRANSFORMERS

## FLT 22 Line Transformers

### General Description

The Flux Series FLT 22 is a line level two channel balancing/isolation box, expandable to four channels as required. Each channel contains a low distortion, high level, wide bandwidth, nickel-core output transformer, with individual Common points.

The FLT 22 is an easy and convenient way to add output transformers to any line level equipment. The Inputs and Outputs may be configured as balanced or unbalanced as required. All channels are completely separate, including isolated Common points.

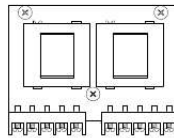
The FLT 22 is the quick and affordable answer to all jobs requiring output balancing or isolation transformers. The #6 terminal strips provide for maximum installation flexibility and cost savings.

### Option-44

The Option-44 expands the FLT 22 into a four channel model. The Option-44 consists of a small printed circuit board with two additional line transformers and terminal strips soldered in place. Assembly is simple: remove the top cover, install the board in place, and secure with the supplied mounting screws. No soldering required; all you need is a #2 Phillips screwdriver. The Option 44 can also be used as an inexpensive transformer assembly without the FLT 22. When rack space is not available, the Option 44 can be attached almost anywhere using screws and standoffs.

### Features

- +24dB LEVELS
- LOW DISTORTION
- WIDE BANDWIDTH
- NICKEL CORE "80" Ni
- 2 INDEPENDENT CHANNELS
- EXPANDABLE TO 4 CHANNELS
- ISOLATED COMMONS
- TERMINAL STRIP I/O
- FLEX IIR CHASSIS
- 8 CHANNELS IN 1 RACK SPACE



Parameter	Specification	Limit	Units	Conditions/Comments
Construction	Nickel Core Bobbin Wound			Grade "80" Ni
Turns Ratio	1:1			Primary to Secondary
40 Hz Max Output Level	+24	0.5dB	dBu	1% THD Point
20 Hz Max Output Level	+18.5	0.5dB	dBu	1% THD Point
Load Loss	0.5	0.1	dB	
DC Resistance	200	10%	Ohms	Primary & Secondary
Frequency Response	20-20kHz	0.1	dB	+4dB
Bandwidth	60kHz	.3	dB	Half Power Frequency
THD + Noise	less than .005	.001	%	+20dBu; 100 - 20kHz
Option 44 Dimensions	less than 0.15	.05	%	+20dBu; 30-100Hz
Shipping Weight	1.17lb x 3.8" W x 2.9" D			(2.8cm x 9.7cm x 7.4cm)
	5 lbs/1 lb (2.3/0.5kg)			FLT 22/Option 44

1. All specification measured with 25 ohm source and 10k ohm load.  
2. 0dBu = 0.775 volts.



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**Manual abstract:**

*The Inputs and Outputs may be configured as balanced or unbalanced as required. All channels are completely separate, including isolated Common points. The FLT 22 is the quick and affordable answer to all jobs requiring output balancing or isolation transformers. The #6 terminal strips provide for maximum installation flexibility and cost savings. Option-44 The Option-44 expands the FLT 22 into a four channel model. The Option-44 consists of a small printed circuit board with two additional line transformers and terminal strips soldered in place. @@No soldering required; all you need is a #2 Phillips screwdriver. @@@@All specifications measured with 25 ohm source and 10k ohm load. 2. @@@@The following is a quick guideline for using the FLT 22. @@@@Good practice dictates earth-grounding the FLT 22. @@Wiring No special instructions are necessary when wiring the FLT 22. @@A separate COMMON terminal is provided for each channel. This terminal has no internal connection. It is provided strictly as a wiring convenience. Normally, this terminal is used for tying shields together, or connecting the () Input with the signal common or shield for unbalanced inputs and/or outputs. #6 terminals accept spades or bare wire. Option 44 The Option 44 installs easily in the blank side of the FLT 22, thereby turning it into an FLT 44. Three screws are provided for internal mounting. Used as a stand alone unit in situations where another rack space is not available or for cost considerations. Screws and standoffs may be used to mount the circuit board to almost any surface. © Rane Corporation 10802 47th Ave. @@.*



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