

The TMC FILTER PANEL, Model SFP-2 is an audio type dual channel bandpass filter incorporating two "MARK" and two "SPACE" filters. The "MARK" filters are centered at 2975 cps and the "SPACE" filters at 2125 cps. Each channel has a front panel switch which permits the operator to switch the panel (a) IN; (b) OUT, which bypasses the filter and feeds directly to the converter; or (c) PANEL OUT, which cuts off the circuit and allows the intelligence to be fed directly from the receiver (or receivers) to another terminal.

Facilities are provided by front panel phone jacks for monitoring the audio tones in both channels. The filter assemblies are hermetically sealed in steel cases to ensure extra-rugged, compact and efficient operation.

TECHNICAL SPECIFICATIONS

Input Impedance:	600 ohms.
Output Impedance:	600 ohms
Insertion Loss:	Less than 7 db.
Bandwidth:	<p>A. Space Filters: Centered at 2125 cps. Flat within 3 db to ± 100 cps down not less than 40 db at 340 cps.</p> <p>B. Mark Filters: Centered at 2975 cps. Flat within 3 db to ± 125 cps down not less than 45 db at 475 cps.</p>

Mounting:

Standard WE rack relay.

Dimensions:

3½' high x 19' wide x 7' deep.

Operating Controls:

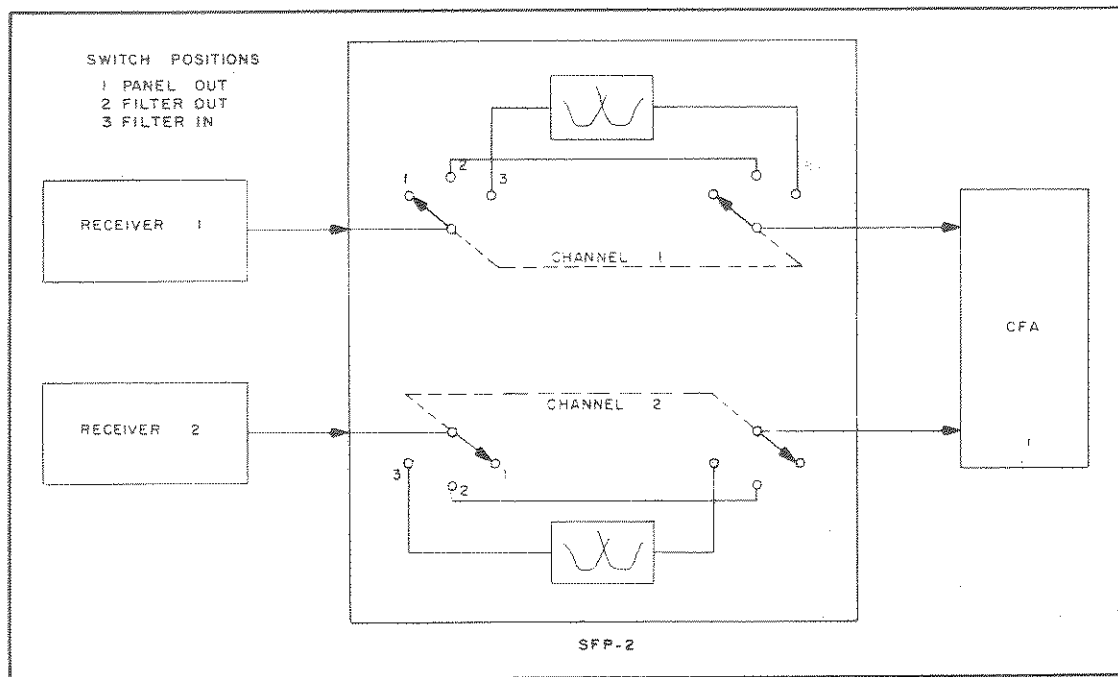
- A. Channel #1 Switch.
 - 1. Panel Out.
 - 2. Filter Out.
 - 3. Filter In.
- B. Channel #2 Switch.
 - 1. Panel Out.
 - 2. Filter Out.
 - 3. Filter In.

Monitoring:

Front panel phone jacks in each channel.

Components and Construction:

All equipment is manufactured in accordance with JAN specifications wherever practicable.



Functional Block Diagram, Model SFP-2

CM237

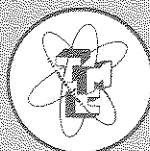
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