



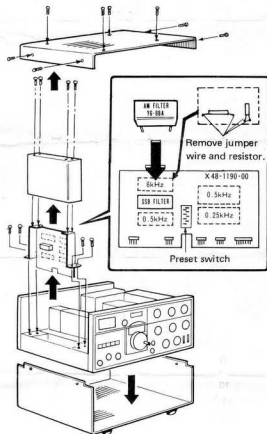
CW CRYSTAL FILTER YG-88A FOR THE R-820 INSTALLATION PROCEDURE

When installing the YG-88A crystal filter in the R-820, proceed as follows:

1. Remove the R-820 top and bottom covers.
2. Remove the IF-A unit shield (located on the left hand side).
3. Disconnect and remove the IF-A unit together with the mounting bracket.
4. Remove the jumper wire and resistor R66 from the option filter mounting space (marked "6kHz") on the upper left side of the circuit board of the IF-A unit.

Insert the filter and solder the 4 pins from the rear of the circuit board. Use a low power iron, and solder as quickly as possible.

5. The filter operates without resetting the Preset switch.
 6. Reconnect and replace the IF-A unit and shield.
- Replace the top and bottom covers.



Specification:

| | |
|-------------------------|------------------|
| Center frequency: | 8830kHz |
| Passband width: | 6kHz at -6dB |
| Attenuation bandwidth: | 11kHz at -6dB |
| Guaranteed attenuation: | Better than 80dB |



A product of
TRIO-KENWOOD CORP.

6-17 3-chome, Aobadai, Meguro-ku Tokyo 153, Japan

CW CRYSTAL FILTER YG-455C FOR THE R-820

INSTALLATION PROCEDURE

When installing the YG-455C crystal filter in the R-820, proceed as follows:

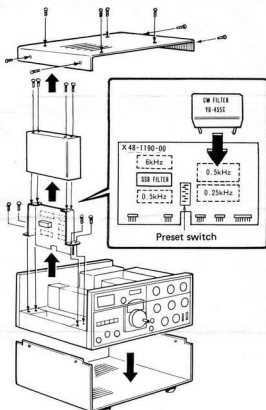
1. Remove the R-820 top and bottom covers.
2. Remove the IF-A unit shield (located on the left hand side).
3. Disconnect and remove the IF-A unit together with the mounting bracket.
4. Insert the filter in the mounting space marked "0.5kHz" (on the upper right side of the circuit board), IF-A unit. Tighten the filter from the circuit board rear using the supplied nut, and then solder the leads.

Use a low power iron, and solder as quickly as possible.

5. Set the Preset switch (IF-A unit circuit board (center)) referring to the Table below.

Note: For details, refer to the (R-820) instruction manual.

6. Reconnect and replace the IF-A unit and shield. Replace the top and bottom covers.



Specifications

| | |
|-------------------------|------------------|
| Center frequency: | 455.7kHz |
| Passband width: | 500Hz at -6dB |
| Attenuation bandwidth: | 820Hz at -60dB |
| Guaranteed attenuation: | Better than 80dB |

Preset Switch Settings

| Filters installed | Preset switch position | | | | | | | | |
|------------------------------|------------------------|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| YG-455C only | ○ | | ○ | | | ○ | | | ○ |
| YG-455C and YG-88C | | ○ | | ○ | | ○ | | | ○ |
| YG-455C and YG-455CN | ○ | | ○ | | | ○ | | | ○ |
| YG-455C, YG-455CN and YG-88C | | ○ | | ○ | | ○ | | | ○ |
| Standard specification | ○ | | | ○ | | ○ | | ○ | |

Table 1

○ : ON



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