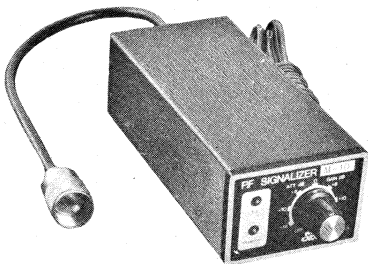


# **RF SIGNALIZER**

**Mono-Hand All-Mode Type (AM. SSB.)**



\* This Signalizer has a wide GAIN-ATT range which can be changed in one operation.

\* **The RF SIGNALIZER:**

Can be changed from GAIN +15dB to ATT -15dB, by turning a knob.

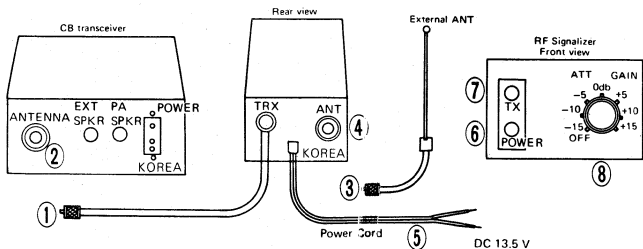
And as a result, a signal of adequate strength can be supplied to a receiver. A weak signal in the presence of noise is strengthened and a strong signal which could saturate the receiver is weakened.

Has excellent cross modulation characteristics as a result of the employment of a dual gate MOS FET and a special bias circuit.

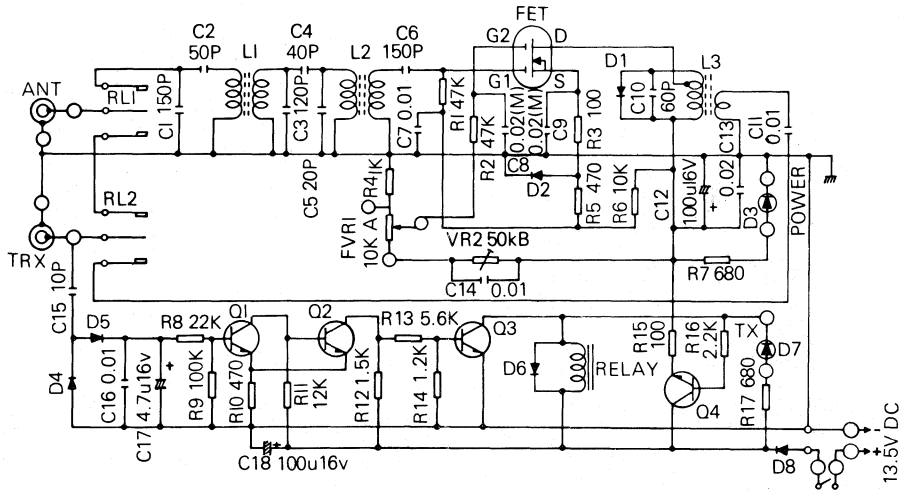
Operates immediately when the transceiver and antenna are connected because of the built-in COX circuit. In addition, the COX reset time is delayed, so that stable transmission can be obtained during SSB operation. (Releasing delay is possible)

**RF Signalizer specifications**

Frequency range	27MHz band	Transmission input power	Max. 30W
Input/output impedance	50 ohm	VSWR	Less than 1.2
Power gain variable range	Max. +15dB Min. -15dB	COX operation time	Less than 15m sec
Power source used	DC 10V - 15V Negative grounding	COX reset time	Approx. 50m sec
	Power consumption approx. 35mA	Coaxial connection plug	Type M
		External dimensions	62(W) x 43(H) x 135(D)mm
		Weight	Approx. 400 g



1. Connect the TRX coaxial(1) of the signalizer to the antenna connector(2) of the CB transceiver, and
2. Connect the antenna(3) to the antenna connector(4) of the signalizer.
3. The power cord is connected to DC 13.5V. Take care not to confuse (+) and (-). Wiring has now been completed.
4. When the VR knob(8) is turned on, the power lamp lights. When the VR Knob is set to 0db, the sensitivity matches the transceiver and reception is possible. When a strong reception signal is distorted, turn the VR knob to the ATT(-) side. When the signal is weak turn the VR knob to the GAIN(+) side. Sensitivity will then be increased and clear reception is then possible.
5. When transmitting, the relay of the signalizer operates automatically and changes over to transmission when the microphone is operated. The lamp(7) at the front of the signalizer then lights.



**SCHEMATIC DIAGRAM**