

9. EXPLANATION OF TERMS & ABBREVIATIONS

CTCSS- Continuous Tone Coded Squelch System.

This is a system which adds a tone (which the human ear cannot hear) to the transmitted signal. This tone is used to activate other transceivers which are usually set up so that they do not operate unless this tone is present. This is particularly useful if users do not wish to hear other users on the transceivers.

EP-ROM- Erasable Programmable Read Only Memory

This is an integrated circuit installed into the KG107 which contains the data used by the computer to select correct operating frequencies and other functions. It can be reprogrammed if required should additional frequencies be allocated.

LED- Light Emitting Diode

This is an electronic device which is made to illuminate to display information. They are used in the KG107 to display the channel numbers, the tone codes (if fitted) and data entry information.

PTT- Press-To-Talk

This refers to the switch on the side of the microphone which is depressed to engage the transmitter when you want to talk with your KG107.

SELECALL- 5-Tone Selective Calling System

This is a system which sends out an audible sequence of tones and is used to activate another transceiver with the same selective calling system. It is particularly useful if users do not wish to hear other users on the transceiver.

SQL- Squelch

This is an electronic function fitted to most radios which enables the user to "cut out" the background "hissing" noise which is present during the absence of a strong transmitted signal. This "hissing" noise would become very annoying if it could not be eliminated. The outer control knob is used by the user as described earlier.

CONCLUSION

The KG107 represents the latest development in transceiver design technology from Kyodo Communications & Electronics Inc. We are sure it will perform excellently for you and trust you will get many years of use and enjoyment from your KG107 transceiver.

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