

Sound Ideas

NEWSLETTER

New MAC-5C Radio/Tel System

Over the years, customers have asked for an ultra-lightweight headset that could be used with both a two-way radio and a standard telephone. In answer to these requests, Setcom has developed the MAC-5C. Working in conjunction with our newly developed RTSM Radio/Telephone Selection Module, an operator is able to use the same headset for both radio and telephone communications. This system is intended for dispatchers, command vehicles, and other applications requiring both telephone and two-way radio access.

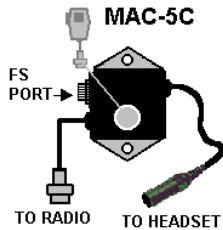


Two headset styles are available. Shown left is the Pursuit Ultra-lightweight headset that incorporates a noise-canceling boom microphone and a behind-the-head headband.

The ELH Headset offers an ear-loop solution. It features a rotating boom mic allowing it to be worn right or left dress. The flexible ear-loop can be bent to fit the individual wearers ear, retaining this shape until changed by the user.



Mic Adapter Cable simplifies install



The MAC-5C is the heart of the system. A Microphone Adapter Cable matches the microphone output to the level needed by the two-way radio. For radios without an accessory port, the MAC-5C interfaces through the radio's mic port allowing retention and normal function of the radio's hand mic.

PTT Cable Assembly

The PTT-MAC5C is plugged in between the MAC-5C and the headset. It can be handheld or clipped to the shirt or belt. It can supplement or replace the footswitch.



Radio/Telephone Switch

The RTSM Radio/Telephone Selection Module allows the user to switch the headset between radio and telephone. Switching to the radio position will put the caller on a discreet muted hold.



TAM-1 Telephone Access Module

The TAM-1 allows the operator to receive and make calls on any standard phone line. It is intended for use with a ULH or ELH Headset and the RTSM as shown in system diagram on the next page. The TAM-1 can be used with or without a standard telephone. When used with a standard telephone, the TAM-1 plugs into the phone line and the telephone will plug into the extension port of the TAM-1. Features include; programmable

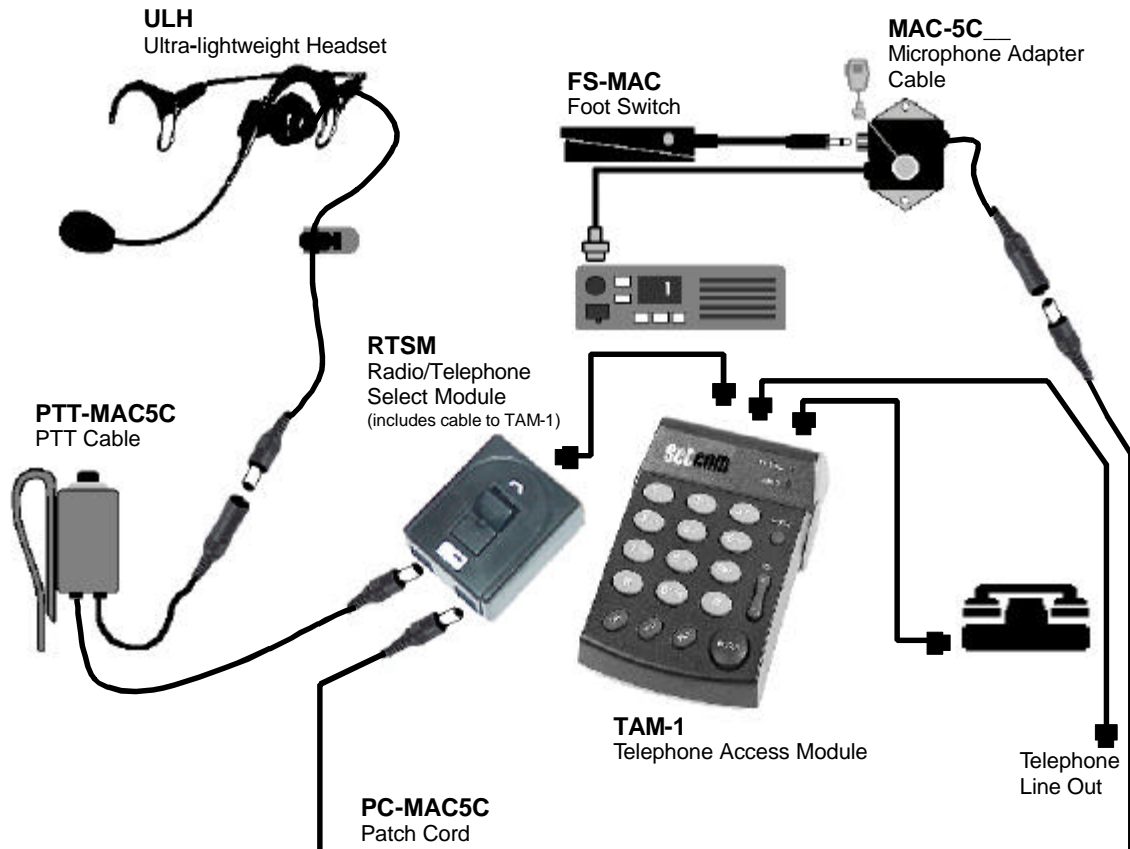


and silent ring, volume control for receive/transmit, in use and ring LEDs, recording port, mute button, flash and last number redial. Although not required to make the system work, it should be considered if your phone is not designed for headset use.

Modular components

MAC-5C system components are modular. Either headset can be used interchangeably with a wide range of mobile radios. By adding components, the user can upgrade from a radio-only configuration to a fully integrated system for radio and telephone with the convenience of a footswitch or in-line PTT. Shown on the next page is a system diagram of a fully optioned system. Other diagrams can be seen on our website or contact us with your specific requirements.

MAC-5C System Diagram



The complete MAC-5C system with the RTSM as shown here allows an operator to use the headset for either full duplex telephone conversions or two-way radio transmissions. When ordering a MAC-5C__, you'll need to use the Setcom two-letter code suffix to complete the PN. This code calls out the make and model of the radio. A MAC-5CMU, for example, calls out the Motorola Spectra. A MAC-5CKN would interface to the Kenwood 90 series radios. MAC-5C interfaces are available for a wide range of mobile radios. A four-position configuration switch on the RTSM makes it easy to match the pinout of your telephone. If you do not see your radio called out on the MAC-5C price list, please call us or contact us on the web for price and delivery.

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