

NECESSARY BANDWIDTH DESCRIPTION

We will limit the audio bandwidth to 3 to 5 kHz as the higher frequencies are of little value for survivor location. At 5 kHz audio input and 25 kHz nominal carrier deviation, the total signal bandwidth is 60 kHz. The manufacturer indicates that the maximum carrier deviation can be as high as 50 kHz for some units but each unit will be tested in our laboratory and the input level restricted if necessary to maintain a maximum deviation of 25 kHz.