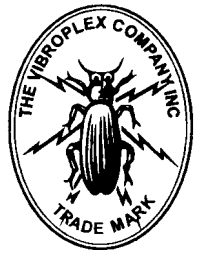




# *The Vibroplex Company, Inc.*

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## **UNPACKING THE VIBROPLEX**

To prevent damage in shipment most bugs are carefully tied and lever secured by one or two rubber bumpers. The rubber pieces are held in place by main frame adjustment screws. These rubber bumpers **must** be removed in order to operate the keyer or Vibroplex and adjustment screws reset.

### **HOW TO USE THE VIBROPLEX**

Pressing the handle to the right caused the pendulum to vibrate in consequence of which the circuit is automatically opened and closed producing dots the correct number of which is accurately determined by ear. When the required number of dots are made, the handle is released and the vibrator comes automatically to rest.

Pressing the handle to the left, sends a dash of any required length, hence, the signal may be emphasized by lengthening or shortening dashes independently of the speed of the dots, which is a very important feature either in Morse or Continental transmission.

Rest the elbow on the table. Use an arm and not a finger movement. Never grip the handle; that is, when you are pressing the dot side with the thumb, do not permit the fingers to touch the dash side, likewise when making a dash, do not touch the dot side with the thumb.

A free arm movement should be used, do not try to operate the machine with merely a finger movement. The arm, being quicker and stronger, makes the manipulation easier and more accurate. Use the tip of the thumb and the tips of the first two fingers.

In learning to use the Vibroplex, make plenty of space between the letter and words, and make dashes of ample length. One of the beauties of Morse is the correct timing of spaces and dashes. Do not be in a hurry. Accuracy is the thing. Speed will come with practice.

### **ADJUSTMENT OF THE VIBROPLEX**

The lightness or heaviness of dots can be regulated by turning the contact screw opposite the contact spring, that is carried by a collar on the pendulum bar in or **out** just a little at a time, until the dots appear to be solid and clear.

### **ALWAYS KEEP THE CONTACT POINTS CLEAN**

In adjusting the position of the contacts for the making of dots, best results will be obtained by turning the contact carrying screw into position, so that after the vibrator has made from 20 to 40 dots, it will come to rest with the contacts just closing the circuit. This will insure harder, firmer dots and clearer signals even on weak circuits.

The contact spring and collar are removable by sliding the speed weights off the vibrator bar, then loosening the screw in the collar, which permits a new contact to be placed on the vibrating bar, should it become necessary.

In adjusting the dotting speed of a Vibroplex, a good rule to follow is to imitate the sending of a strong clear hand sender.