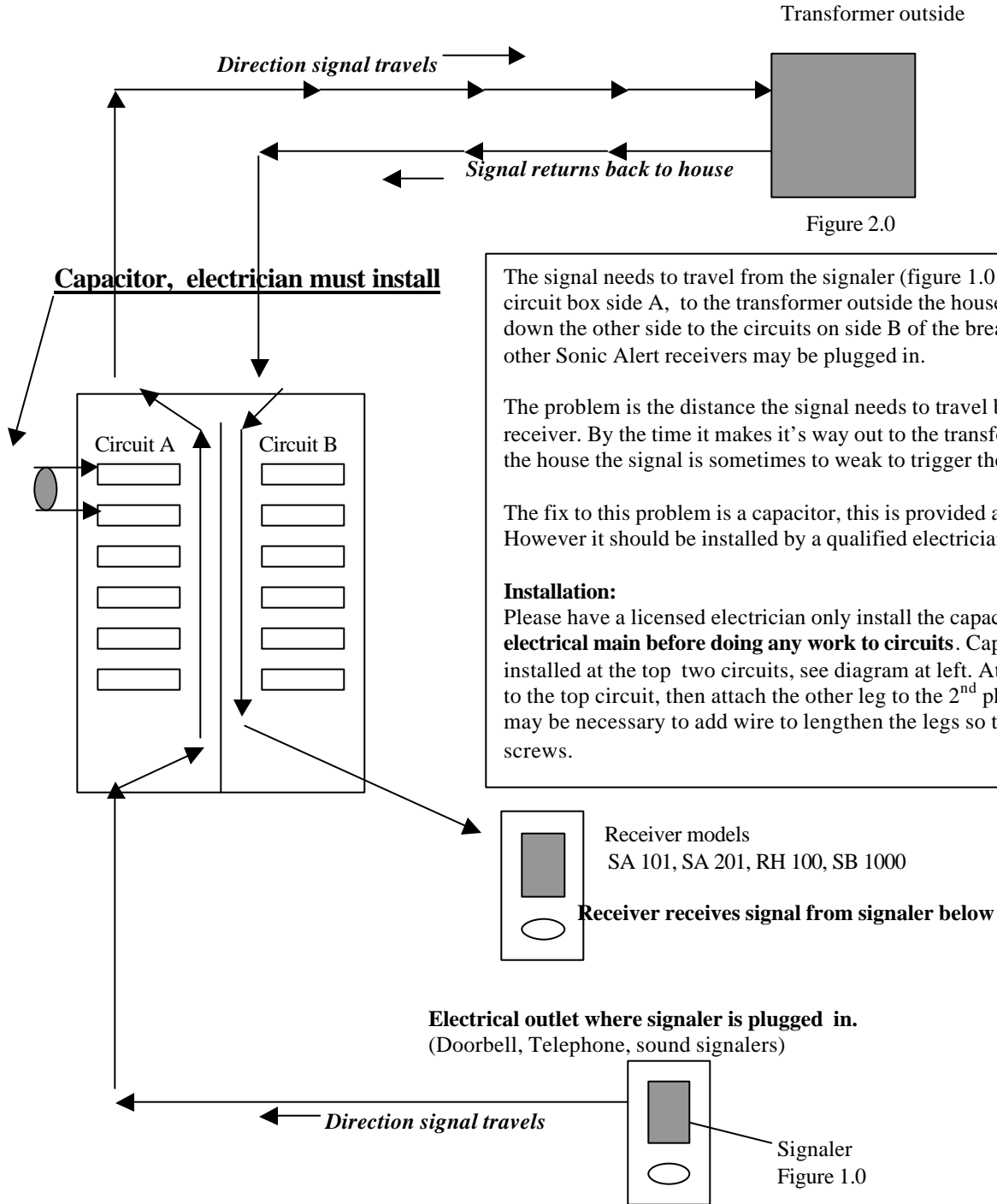


Capacitor Illustration

This illustration is for the purposes of explaining the concept of weak signals and how a capacitor may help improve the strength of your signalers. **Please not a licensed electrician must install capacitor.**



The signal needs to travel from the signaler (figure 1.0 below) through the circuit box side A, to the transformer outside the house (figure 2.0) back down the other side to the circuits on side B of the breaker panel where other Sonic Alert receivers may be plugged in.

The problem is the distance the signal needs to travel before it locates a receiver. By the time it makes it's way out to the transformer and back to the house the signal is sometimes to weak to trigger the receiver.

The fix to this problem is a capacitor, this is provided at no charge. However it should be installed by a qualified electrician.

Installation:

Please have a licensed electrician only install the capacitor. **Turn off electrical main before doing any work to circuits.** Capacitor should be installed at the top two circuits, see diagram at left. Attach one leg of cap to the top circuit, then attach the other leg to the 2nd phase just below. It may be necessary to add wire to lengthen the legs so they reach the screws.