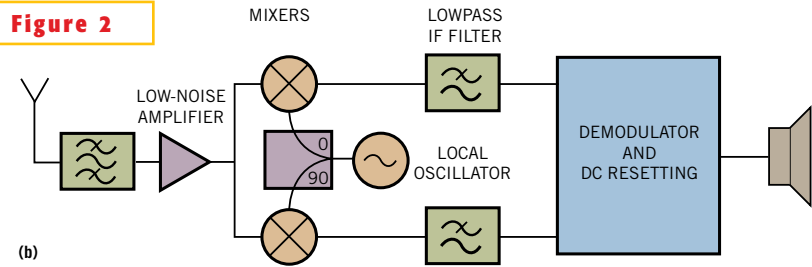


(a)

Figure 2



(b)

The traditional superhet mixes variable RF to a fixed IF before further downconversion and demodulation (a). A direct-conversion receiver transforms RF to baseband frequencies in one step (b).