TRANSMITTING-RECEIVING APPARATUS

ABSTRACT OF THE DISCLOSURE

A transmitter-receiver can eliminate a distortion of a transmission signal by a simple arrangement. In a transmitter-receiver of a communication system wherein a transmission timing and a reception timing are different from each other, comparing circuits (6I, 6Q) compare a transmission signal, which is not yet amplified in a transmission-system circuit, and a reception signal in a reception-system circuit during a transmission timing period. Differences detected by the comparing circuits (6I, 6Q) are fed back to signal-compensators (5I, 5Q) inserted into the transmission-system circuit, thereby eliminating a distortion generated in a transmission signal of the transmission-system circuit.

Figure 2