

ABSTRACT

A unit which processes multiple signals transmitted through utility wiring by receiver/LAN has a utility wiring connecting terminal (10) connected to the utility wiring by receiver/LAN, at least one input-output terminal for connecting computer (11) connected to the terminal (10), and at least one input-output terminal for connecting receiver (12) connected to the terminal (10). First signal interference preventing circuits (13 and 19) are respectively connected between the terminal (10) and the input-output terminal (12) so as to check the reverse flow of LAN signals. Therefore, signals for a television receiver, etc., and LAN signals can be transmitted through a coaxial cable for television, etc., wired in an already existing building without causing interference between the signals.