

ABSTRACT

AMPLIFIER SYSTEM

5 A communications amplifier system comprises a primary amplifier circuit (13), a backup amplifier circuit (14) and a bypass circuit mutually exclusively selectable through a relay switching means (12) which is automatically activated to bypass the primary amplifier circuit (13) with the backup amplifier circuit (14) or the backup amplifier circuit (14) with the bypass circuit in the event of malfunction. In the standby mode, the backup amplifier is not connected to DC power or RF signal input.

(Fig. 1)