

ABSTRACT

Communication node suitable for receiving and/or transmitting radio communications according to at least one first and one second communications protocol simultaneously

The invention relates to a communication node (1) for receiving and/or transmitting radio communications according to a first communication protocol and a second communication protocol simultaneously (VHF, UHF) comprising:

- a first, second, respectively digital processing stage (14, 15) for performing operations specific to the first, second protocol, respectively, suitable for operating in parallel,

- a first, second receiving stage (11, 12), respectively, operating according to the first, second communication protocol,

- a transmission stage (11) for operating according to the first and second communication protocols, comprising a digital/analog converter (22) for converting a digital signal provided by the first or second digital processing stage into an analog signal, a modulator (23) for modulating said analog signal, an amplifier (24) and a radiofrequency transmitter (25) for transmitting a radio frequency signal corresponding to the modulated analog signal,

- a control module (13) suitable for selecting, based on a rule and a detected event, the first or second communication protocol and commanding the transmission stage to operate selectively according to the selected protocol and no longer operate according to the non-selected protocol.

Figure 1