

POSITION INFORMATION PROVIDING SYSTEM, INDOOR TRANSMITTER, AND METHOD
FOR PROVIDING POSITION INFORMATION

ABSTRACT

Provided is a position information providing system which can reduce a time required for acquiring position information. An indoor transmitter (200-1) is adapted to provide
5 position information by using a second positioning signal compatible with a first positioning signal which is a spread spectrum signal from each of a plurality of satellites. The indoor transmitter (200-1) includes an EEPROM (243) which stores therein position data for identifying an installation location thereof, an FPGA (245) operable to generate a second positioning signal including the position data as a spread spectrum signal, and a
10 transmitting section (251 to 258) operable to transmit the spread spectrum signal. The second positioning signal is generated to repeat the same content in a cycle shorter than that of the first positioning signal.

FIG. 2