



RemoteGP Configuration Tool Samples

Blink Marine CANopen Keypads

Description

These samples relate to the PKP-SI / PKP-LI series of CANopen keypads by Blink Marine. The keypads operate by transmitting the state of each button, which can be read by the RemoteGP as a recording start/stop or HiLight Tag trigger.

Note:

- The CANOpen version of Blink Marine keypads require a network management (NMT) message to enable them. This is not sent by the RemoteGP and must be handled by the master ECU or PDM in the system.
- The samples files were created using the default settings for the CANopen keypads. The default baud rate is 125 kbit/s with a CANopen Node ID of 15h. Your configuration may require a different baud rate and/or message ID.
- By default, Periodic Key-state Transmission (Object 1800h) is disabled. This means the key state message is only transmitted when the state of a key changes (either pressed or released). The RemoteGP will display a CAN error if a message isn't received within 5 seconds of the previous message, so it is recommended to enable Periodic Key-State Transmission for the keypad. Functionality will not be affected if the default setting is used.

Samples

Filename	Applicable Keypad(s)	Description
BlinkMarine_CANopen_Keypad_Key1	PKP-1200-LI PKP-1500-LI PKP-1600-SI PKP-2200-SI/LI PKP-2300-SI PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 1 recording trigger
BlinkMarine_CANopen_Keypad_Key2	PKP-1200-LI PKP-1500-LI PKP-1600-SI PKP-2200-SI/LI PKP-2300-SI PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 2 recording trigger

BlinkMarine_CANopen_Keypad_Key3	PKP-1500-LI PKP-1600-SI PKP-2200-SI/LI PKP-2300-SI PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 3 recording trigger
BlinkMarine_CANopen_Keypad_Key4	PKP-1500-LI PKP-1600-SI PKP-2200-SI/LI PKP-2300-SI PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 4 recording trigger
BlinkMarine_CANopen_Keypad_Key5	PKP-1500-LI PKP-1600-SI PKP-2300-SI PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 5 recording trigger
BlinkMarine_CANopen_Keypad_Key6	PKP-1600-SI PKP-2300-SI PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 6 recording trigger
BlinkMarine_CANopen_Keypad_Key7	PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 7 recording trigger
BlinkMarine_CANopen_Keypad_Key8	PKP-2400-SI/LI PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 8 recording trigger
BlinkMarine_CANopen_Keypad_Key9	PKP-2500-SI PKP-2600-SI	Key 9 recording trigger

	PKP-3500-SI PKP-3500-SI-MT	
BlinkMarine_CANopen_Keypad_Key10	PKP-2500-SI PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 10 recording trigger
BlinkMarine_CANopen_Keypad_Key11	PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 11 recording trigger
BlinkMarine_CANopen_Keypad_Key12	PKP-2600-SI PKP-3500-SI PKP-3500-SI-MT	Key 12 recording trigger
BlinkMarine_CANopen_Keypad_Key13	PKP-3500-SI PKP-3500-SI-MT	Key 13 recording trigger
BlinkMarine_CANopen_Keypad_Key14	PKP-3500-SI PKP-3500-SI-MT	Key 14 recording trigger
BlinkMarine_CANopen_Keypad_Key15	PKP-3500-SI PKP-3500-SI-MT	Key 15 recording trigger

