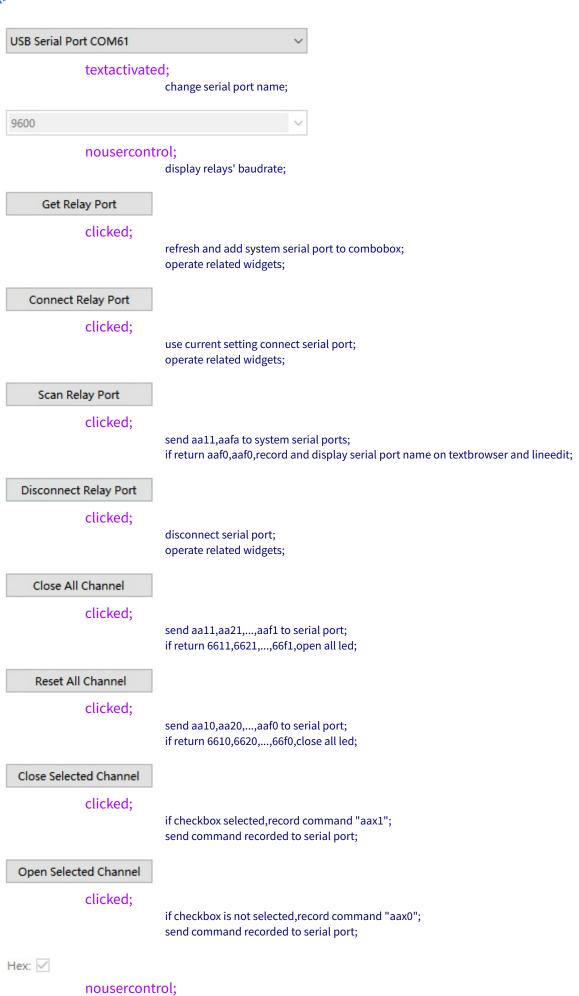# *Standard Operating Procedure*

<UsingLibrary>

include;

superapi::supercore;
superapi::superfiledialog;
superapi::supergroupbox;
superapi::superlogger;
superapi::supernotedialog;
superapi::superserial;
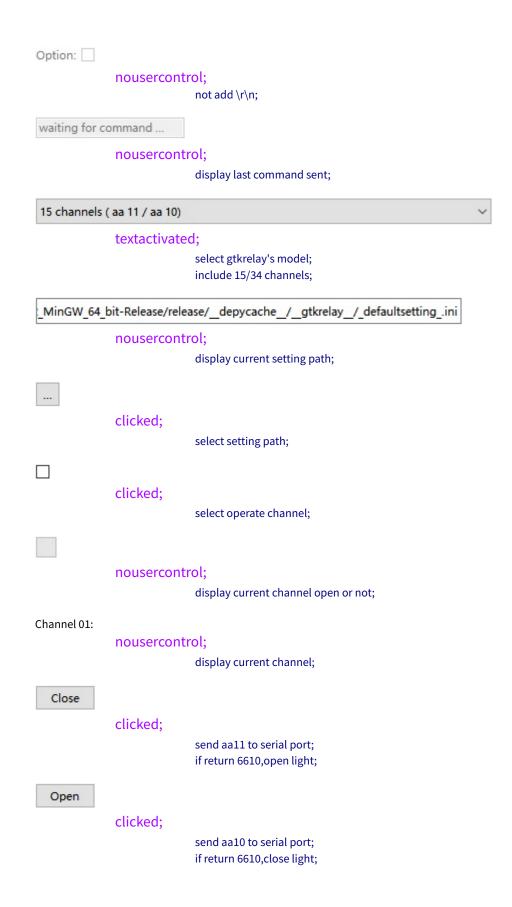superapi::supertab;
superapi::superwindow;

public;

relaybox public superapi::supertab;

<RelayBox>

USB Serial Port COM61

textactivated;

change serial port name;

9600

nousercontrol;

display relays' baudrate;

Get Relay Port

clicked;

refresh and add system serial port to combobox;
operate related widgets;

Connect Relay Port

clicked;

use current setting connect serial port;
operate related widgets;

Scan Relay Port

clicked;

send aa11,aafa to system serial ports;
if return aaf0,aaf0,record and display serial port name on textbrowser and lineedit;

Disconnect Relay Port

clicked;

disconnect serial port;
operate related widgets;

Close All Channel

clicked;

send aa11,aa21,...,aaf1 to serial port;
if return 6611,6621,...,66f1,open all led;

Reset All Channel

clicked;

send aa10,aa20,...,aaf0 to serial port;
if return 6610,6620,...,66f0,close all led;

Close Selected Channel

clicked;

if checkbox selected,record command "aax1";
send command recorded to serial port;

Open Selected Channel

clicked;

if checkbox is not selected,record command "aax0";
send command recorded to serial port;

Hex: ☑

nousercontrol;

hex command;

Option: ☐

nousercontrol;
> not add \r\n;

waiting for command ...

nousercontrol;
> display last command sent;

15 channels (aa 11 / aa 10)

textactivated;
> select gtkrelay's model;
> include 15/34 channels;

_MinGW_64_bit-Release/release/__depycache__/__gtkrelay__/_defaultsetting_.ini

nousercontrol;
> display current setting path;

...

clicked;
> select setting path;

☐

clicked;
> select operate channel;

☐

nousercontrol;
> display current channel open or not;

Channel 01:

nousercontrol;
> display current channel;

Close

clicked;
> send aa11 to serial port;
> if return 6610,open light;

Open

clicked;
> send aa10 to serial port;
> if return 6610,close light;

Version Logs

<20220405 Version 1.08>
> adapted to ubuntu kde x11 platform;

<20220302 Version 1.07>
> fix enable scan relay port button bugs;

<20220215 Version 1.06>
> remove modulec frame shape;

<20220209 Version 1.05>
> use supertab,supergroupbox api;

<20220119 Version 1.04>
> set as relay model transparent;

<20211220 Version 1.03>
> add save setting function;

<20211207 Version 1.02>

        fix 34 channels relay return value list;

<20211122 Version 1.01>

        add 34 channels relay model;

<20211003 Version 1.00>

        first release;