

TN006 – Sonnen Z-Wave Configuration - Sigma

This USB Stick connects a PC or any other computing platform with USB interface to a wireless Z-Wave network. A controller software compatible to the Sigma Designs Serial API is required to use the functions of the device. This software plus this UZB realize a static controller to manage and use Z-Wave devices of various vendors. This stick works with all certified Z-Wave devices regardless of its vendor or date of origin. The Sigma Designs Serial API specification is available to all owners of a Sigma Designs Z-Wave SDK.

Script to change Operating Frequency

```
# 'changezwf'
# Changes operating frequency for Z-Wave.Me UZB Device

if [ $# -lt 2 ]
then
  echo "Usage : $0 USB_Port Country_Code"
  exit
fi [case $2 in
EU)
  echo 'Switch to European Frequency (848.4 ... 869 MHz)'
  echo -ne "\x01\x04\x00\xF2\x00\x09" > $1 ;;
RU)
  echo 'Switch to Russian Frequency (869 MHz)'
  echo -ne "\x01\x04\x00\xF2\x01\x08" > $1 ;;
IN)
  echo 'Switch to India Frequency (865.2 MHz)'
  echo -ne "\x01\x04\x00\xF2\x02\x07" > $1 ;;
US)
  echo 'Switch to North/South American Frequency (908 MHz ... 916 MHz)'
  echo -ne "\x01\x04\x00\xF2\x03\x06" > $1 ;;
ANZ)
  echo 'Switch to Frequency for Australia/New Zealand/Brasil/Peru (919 MHz ... 921 MHz)'
  echo -ne "\x01\x04\x00\xF2\x04\x05" > $1 ;;
HK)
  echo 'Switch to Hongkong Frequency (919 MHz)'
  echo -ne "\x01\x04\x00\xF2\x05\x04" > $1 ;;
CN)
  echo 'Switch to PR China Frequency (868 MHz)'
  echo -ne "\x01\x04\x00\xF2\x06\x03" > $1 ;;
JP)
  echo 'Switch to Japanese/Taiwanese Frequency (922-926 MHz)'
  echo -ne "\x01\x04\x00\xF2\x07\x02" > $1 ;;
KR)
  echo 'Switch to Korean Frequency (919 ... 923 MHz)'
  echo -ne "\x01\x04\x00\xF2\x08\x01" > $1 ;;
IL)
  echo 'Switch to Israel Frequency (915 ... 917 MHz)'
  echo -ne "\x01\x04\x00\xF2\x09\x00" > $1 ;;
MY)
  echo 'Switch to Malaysia Frequency (868 MHz)'
  echo -ne "\x01\x04\x00\xF2\x0a\x03" > $1 ;;
*)
  echo "Country Code $2 is not valid. Try EU|RU|IN|US|ANZ|HK|CN|JP|KR|IL|MY" ;;
```



If you have any further questions or require support or assistance, please contact us at support@sonnen.com.au.

Yours faithfully,



James Sturch
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