

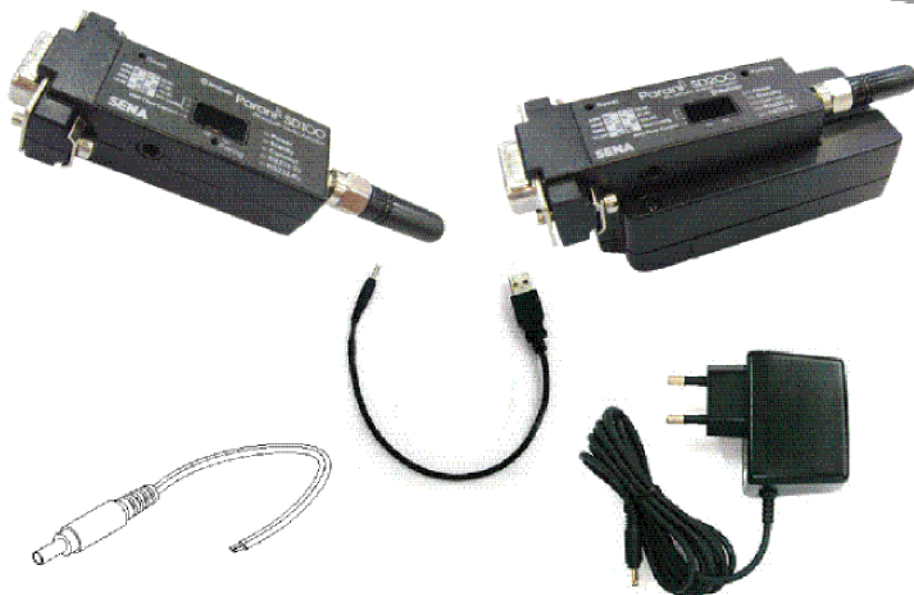
Quick Start Guide

Parani-SD100/200

Bluetooth Serial Adapter

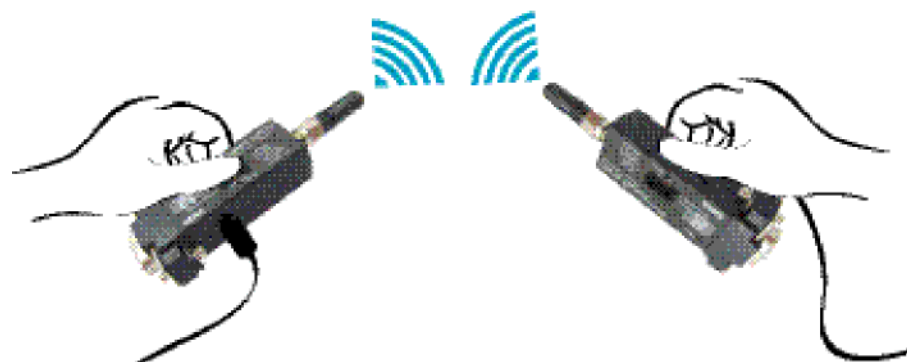


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To make a pair

Quick Pairing between the Parani devices



The Parani-SD Series provides pairing button for instant configuration without PC to make an automatic connection between two Parani-SD Series units (one for SD1 and the other for SD2)

- Step 1 : Turn off power of all the nearby Parani-SD/ESD Series products.
- Step 2 : Turn on power of SD1 and SD2, and press "**Reset**" button of both SD1 and SD2 by using a tool with sharp-end. Then, "**Standby**" LED will maintain solid green.
- Step 3 : Press the "**Pairing**" button of SD1 and SD2 for 2 seconds. Then, "**Standby**" LED of both units will be turned off and "**Connect**" LED of both ones will start blinking 3 times per second continuously.
- Step 4 : Press the "**Pairing**" button of SD2 again for 2 seconds. Then, "**Connect**" LED of SD2 will start blinking continuously until they are connected.
- Step 5 : If the connection is made between SD1 and SD2, then "**Connect**" LED of both devices is changed into solid green. The connection is usually established within 30 seconds. If it is not made successfully within 30 seconds, be sure to check whether there is any conflict between other Bluetooth devices nearby.

Now a pair of Parani-SD Series is making automatic pairing connection, whenever they are at boot-up time.

Configuration using software

If users want to configure and to connect step by step with diagnosis messages, then they may use either **ParaniWin** or **Hyper terminal** program. The Parani-SD Series supports AT command set for versatile operations.

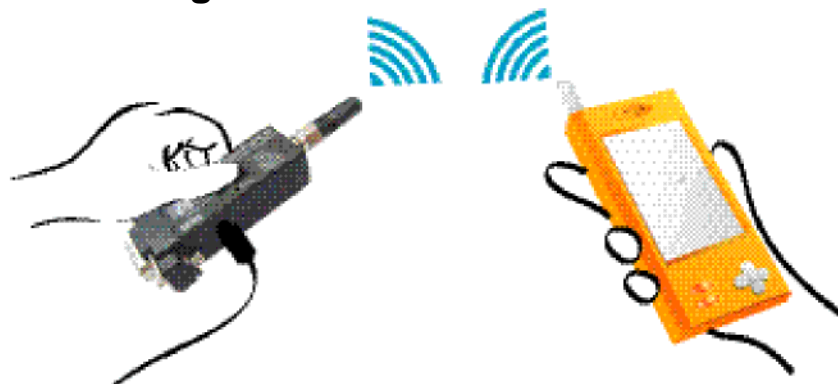
Parani-SD Series default configuration is 9600bps Baud, 8 Data bit, No Parity, 1 Stop bit and Hardware flow control.

For more information, refer to the Users' Manual
You may download the ParaniWin and User Manual from CD or Sena website at <http://www.sena.com/support/downloads/>

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Quick Pairing with other Bluetooth devices



Using pairing button, users can make a pairing connection between a Parani-SD Series unit and other Bluetooth devices.

- Step 1 : Turn off power of all the nearby Parani-SD/ESD Series products.
- Step 2 : Turn on power of Parani-SD Series, and press "**Reset**" button of it by using a tool with sharp-end. Then, "**Standby**" LED will maintain solid green.
- Step 3 : Press the "**Pairing**" button of Parani-SD Series for 2 seconds. Then, "**Standby**" LED will be turned off. Then, the Parani-SD Series is changed into discoverable/connectable phase that may be detected/connected by users' Bluetooth devices.
- Step 4: Users can discover and connect to the Parani-SD Series by using the software or user interface of users' Bluetooth device that they want to connect from.
- Step 5 : When they are connected, "**Connect**" LED of Parani-SD Series is changed into solid green, which means a connection between Parani-SD Series and users' Bluetooth device is made successfully.

Serial Port Setting

There are four DIP switches for serial port configuration. The upper 3 are for setting baud rate, and the last one in the bottom is for setting hardware flow control option. To put the switch to left side represents OFF, and the right side ON. To disable hardware-based baud-rate configuration, set up the dip switch to "**S/W config**". In this case, the software configuration value will replace the one in the DIP switch. The default value of "**S/W Config**" Setup is 9600bps.

Baud Rate	2400	4800	9600	19.2K
DIP Switch				
Baud Rate	38.4K	57.6K	115.2K	S/W Config
DIP Switch				

H/W Flow Control	OFF	ON
DIP Switch		