PHILIPS ELECTRONICS SINGAPORE PTE LTD
FCC ID: RCSRC188EC
OPERATIONAL DESCRIPTION

1. DESCRIPTION:

The RC1884404/00 is a RF remote control, which consist of 44 keys.

It can transmit in Infra-Red(IR) or Radio Frequency(RF) by sequence of button setup. There is a
RF module interface with the main circuit. It is a FSK transmission RF remote control.
This remote control is a portable device designed to work with the Set-up Box.
4xAAA Alkaline batteries can last for approximately 6 months for normal usage.

Physical Description
- Remote enclosure will consist of a plastic top cover, bottom cover, battery cover, three plastic sections
  on the top case, and two silicone rubber keypads.
- 44 keys
- Full database
- IR & FSK UHF output

2. FUNCTION:

Pressing any button on the remote activates the remote control RC1884404/00. The code will be
transmitted within a second after key pressed. Transmission ceases immediately after key
released.
When there isn't any key pressed, the microprocessor goes into sleep and wakes up upon key
pressed. It transmits either IR or RF depends on the setting. It will not transmit IR and RF
together.
In RF mode, basically, the main microprocessor sends an enable signal to enable the RF module
and follow by data signal in envelope form.
The database for control of audio/video equipment will cover 90% of the U.S. market and will be
supplied by the vendor.

3. SPECIFICATION

For IR mode, the carrier is 56kHz+/-5% for the set-top box.
For RF mode, the oscillation frequency is between 369.5 – 394.3MHz +/-8kHz.
Operating Voltage is 4.4V to 6.4V.
Modulation Type: FSK