Wave Thunder

Model Name: DP5107

Brand Name: doppio

FCC ID: N2GDP5107

1. Introduction

1.1 Specification WAVE THUNDER

Details	Description
Processor	ARM Cortex A7 1.3GHz Dual core
Memory	512 MB RAM
Storage	4 GB Built-in storage Micro SD Slot with up to 32GB expandable
Operating System	Android 4.2 Jelly Bean
SIM Support	Single SIM GSM 850/900/1800/1900 MHz WCDMA 850/1900 /2100
Wi-Fi	Wi-Fi 802.11 b\g\n
Bluetooth	Bluetooth with A2DP
G-Sensor	Rotator Screen for Gaming

Camera	2.0 Mega pixel camera with LED Flash and VGA front camera for video calling.
Display	17.8cm (7”) HD Screen (1024x600), Full Capacitive Multi Touch
USB	1 Micro USB (Connectivity + Charging)
Video Formats	Support 3GP,AVI,MP4,M4V,MKV, WMV,MOV, FLV
Image Viewer	Support JPG,PNG,BMP,GIF
Audio Formats	Support AAC, AMR, FLAC, MP2, MP3, OGG
FM	Wire Free FM with built-in Antenna
Audio Port	Speakers /3.5mm Earphone Jack / Internal Mic and Earpiece
Hardware Keys	Power , Volume controller and Reset
Soft Keys	Return , Home, & Menu
Battery / Power	3000mAh Lithium ion battery / 5V- 1000mA
Dimension/Weight	192 x 108 x 9.25 mm / 289 gram
Documents	WhatsApp, We Chat, Facebook and more

1.2 Know Your Device

2. Getting Started

Installing the SIM card and Storage card

You need to remove the back cover before you can install the SIM card and Micro SD card. Also, make sure to always turn off the power before installing or replacing the SIM card and Micro SD card.

To install the SIM card: The SIM card contains your phone number, service details, and phonebook/ message memory. Your device supports 2G or 3G SIM cards.

To install the memory card: To have additional storage for your images, videos, music, and files, you can purchase a memory card and install it into your device.

3. Read your Notifications

	SIM network		Silent mode		Call in progress
	EDGE network		Vibration mode		Call on hold
	3G connection		Headset mode		Missed call
	Roaming network		USB connected		Speaker On
	No SIM		Alarm set		New message
	HSPA network		Battery indication		New email
	Bluetooth On		Battery charging		New Gmail message
	Uploading data		Music playback		Google search
	Downloading data		FM Radio playback		New WhatsApp message
	Airplane mode		Data sync		New Hangouts message
	Wi-Fi		Warning		Play store update available
	GPS		Event Reminder		Screenshot captured

4. Using phone features

a. Turning the Device function on or off: To enable or disable Airplane Mode:

I. Touch→Settings→More…→Airplane mode

II. Touch ‘airplane Mode’ to enable or disable

b. Making a call: On Home screen, touch → Phone to enter the dial screen

I. Call log tab: select an entry listed in the log to call the number.

II. Contacts tab: Contacts with phone numbers are listed. Select a contact and then select the phone number to dial.

c. Internet: You device's networking capabilities allow you to access internet using browser, Through Wi-Fi, GPRS.

d. E-mail: Using the Email, you can send or receive emails from other email accounts.

e. Messaging: Select whether you want to create SMS after entering create new function. Enter text message, press option key to get the following options. There are different options available for SMS like Sending options, Input method and more.

f. Gallery: Using gallery you can see picture and video. You can share it accordingly.

g. Music: Use the Music player to play music files. The songs saved in your Memory Card can be played using the Music Player of the device.

h. Camera: Use the rear and front camera to capture the picture and record the video.

i. Calendar: Use Calendar to create and manage events, meetings, and Appointments.

j. Video Player: Using this you can play your videos from gallery.

k. FM radio: This device presents radio function. Using this you can play FM channels.

l. File manager: The device provides a certain space for users to manage files and supports the memory card. You can use file manager to conveniently manage various directories and files on the memory card. Choose file manager and press options to perform operations like ‘Open’, ‘New folder’, ‘Rename’, ‘Delete’,' Copy', 'Move' and more.

5. Settings

Wireless & Networks

SIM Management: You can select to activate or deactivate the SIM card you want to open .Set the default SIM to use voice call, video call, and messaging and data connection on/off switch.

Wi-Fi: Wi-Fi on/off: Select Wi-Fi checkbox from settings if you prefer to use Wi-Fi for your data connection.

Wi-Fi settings: Open the Wi-Fi settings screen; select it from the network list. Provide your username or password if required.

Bluetooth: Bluetooth on/off: Use Bluetooth check box from settings to turn Bluetooth services on or off.

Bluetooth settings: With Bluetooth services on, you can open the Bluetooth settings screen to: Rename phone, advance settings.

Data Usage: It provides a graphical representation of data usage for a specified Data usage cycle through Mobile internet or Wi-Fi

More

Airplane Mode: Using this you can on/off Airplane mode.

VPN**:** VPN stands for virtual private mode. Using this feature .You can connect to your private network through a public network.

Tethering & portable hotspot**:** The device is used as a wireless modem for a PC, when it's connected to PC using a USB cable.

Bluetooth Tethering: Using Bluetooth tethering you can connect your Slide to other device and share the internet connection.

Mobile Network**:** Select data roaming capability.

USB internet: using this function sharing windows PC internet via USB cable.

Device

Audio Profiles: There are four types of user profiles available, they are general, silent meeting and outdoor. Select one user profile and enter the following options:

Vibrate: select to have your Slide vibrate for incoming calls.

Volume**:** select to open volume control.

Voice ring tone**:** select a ring tone to use for incoming call.

Default Notification sound**:** Select a ring tone to use for a notification.

Audible touch tones: select to have a tone sound when you use the on screen dialer.

Display: Using various options in ‘display’ in settings, you can set your wallpaper, lock screen notifications, auto rotate screen , brightness, day dream , wireless display and many more.

Storage: View and manage the data storage on your device

Battery: It gives you the current battery level, along with the distribution of battery consumption by different apps.

Applications: Using this you can manage your applications in device

Personal

Location access: Helps you locate yourself on the map.

Security: Change the settings of screen lock, Owner info, SIM card lock, passwords, device administration and Credential storage.

Language & input: Include language settings, keyboard and input methods and so on.

Backup & reset: If you reset your device to the settings that were configured at the factory, all of your personal data from internal storage, including information about your Google Account, any other accounts, your system and application settings, and any downloaded applications will be erased.

Add Accounts: You can add new accounts like Gmail, WhatsApp etc. here.

System

Date & time: You can set your device's date and time settings from here.

Scheduled power On & Off: You can set the scheduled time at which you automatically want your device to power on/off.

Accessibility: These are the settings to help visually impaired users.

Developer options: This provides you the option to customize the device settings.

About WaveThunder: This provides the device information like model number, kernel version, Model number, android version etc.

Applications

Facebook: Facebook is social networking service and it is in-built application in your device. Enjoy social networking using Facebook after registration.

Gmail: Configure your Gmail account in your device and access your mails.

Google Search: Google Search for Android is an application by Google which integrates Google search and Google Now into an application for Android devices.

Hangouts: Hangouts is an instant messaging service that provides both text and voice communication. The updated version of Gtalk is known as Hangouts.

English, Punjabi, Devotional, Regional & other Popular and current International music .

Local: This application uses your location to give to the list of all the places in your area.

Maps: Use this application to pinpoint the location of the device, search for places, or get directions.

Money Control: The Markets on Mobile app is your gateway to all critical real-time information about the Indian and global markets through your Android device.

Opera Mini: Opera mini is a web browser designed primarily for mobile phones, smartphones and personal digital assistance

Play movies & TV: Enjoy Movies and TV show on Play Movies & TV. Some are for rental, some for purchase and others for both rental and purchase.

Play Music: This is Google initiative in music world. Using this you can create libraries and enjoy songs.

Play Store: Use this application to purchase and download applications and games that are able to run your device

WeChat: WeChat is a mobile text and voice messaging communication service.

WhatsApp: WhatsApp Messenger is a smartphone messenger WhatsApp uses your 3G or Wi-Fi (when available) to message.

YouTube: Browse the videos using this application. It is the direct link to the website www.youtube.com .

Product and safety information

Warning

Use only chargers, and accessories approved for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous .For availability of approved accessories, please check with your dealer.

Battery and charger information

Your device is powered by a rechargeable Lithium-ion battery. The battery can be charged and discharged many times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only we approved batteries, and recharge your battery only with we approved chargers designated for this device. If a battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger, then disconnect and reconnect it to begin charging the battery. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

Safety information

Please do not use device during charging. Disconnect Slide from charger before use.

Keep the device at least an inch away from your body while dialing / answering calls. Do not use the device if the screen is cracked or broken. Cracked or broken screen could cause injury to hands and / or face.

Avoid exposing your device and batteries to extreme temperature.
Your device contains electronics parts and circuits. Keep them out of the reach of small children.
Switch off your device in any area with a potentially explosive atmosphere. Obey all posted instructions.

Protect environment

Save energy

You do not need to charge your device battery so often if you do the following:

-Close applications and data connections, for example, your Bluetooth connection, when not in use.

-Deactivate unnecessary sounds, such as touch screen and key tones.

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Outer FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

This device was tested for typical body-worn operations with the back of the phone kept 0.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories
that cannot maintain 0.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.
For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

• Extend your antenna fully.

• Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

RF Exposure Information:

This product is compliance to FCC RF Exposure requirements and refer to FCC website search for FCC ID: N2GDP5107 to gain further information include SAR Values.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help

Do not use the device with the environment which below minimum -10℃ or over maximum 50℃, the device may not work.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Ad Hoc function is supported but not able to operate on non-US frequencies.