

RoboText WiFi Setup Manual

Prerequisites

- RoboText device
 - 12V power supply or USB-C cable
 - Smartphone or computer with WiFi capability
 - Telegram app installed on your phone
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Step 1: Configure HQ Output Format

Set your HQ (device) to **Output Format One**.

Note: This is the factory default setting, so you may skip this step if you haven't changed it previously.

Step 2: Power Up Your Device

Connect your RoboText to either:

- 12V power supply, OR
- USB-C cable

Wait for the device to fully boot up (approximately 10-30 seconds).

Step 3: Set Up Your Telegram Bot

3.1 Open Telegram and Find BotFather

1. Open the **Telegram** app on your phone
2. In the search bar, type @BotFather
3. Start a chat with BotFather (the official bot creation tool)

3.2 Create Your Bot

1. Send the command: /newbot
2. BotFather will ask you to choose a name for your bot (e.g., "My RoboText Bot")
3. Then choose a username for your bot (must end in 'bot', e.g., "myrobotext_bot")
4. **IMPORTANT:** BotFather will send you a **Token ID** - this looks like:

1234567890:ABCdefGHIjkIMNOpqrsTUVwxyz

1. **Copy and save this Token ID securely** - you'll need it later
2. **Keep this token SECRET** - anyone with this token can control your bot

3.3 Create a Chat Group

1. In Telegram, tap the **New Message** (pencil icon)
2. Select **New Group**
3. Give your group a name (e.g., "RoboText Notifications")
4. Add at least one contact (you can remove them later if needed)
5. Create the group

3.4 Get Your Chat ID

1. In your newly created group, tap the group name at the top
2. Tap **Add Members**
3. Search for @GetIDsBot and add it to your group
4. The bot will automatically send a message showing your **Chat ID** (looks like: -123456789)
5. **Copy and save this Chat ID** - you'll need it later
6. Remove GetIDsBot from the group (tap the group name → Members → find GetIDsBot → Remove)

3.5 Add Your Bot to the Group

1. Tap the group name at the top
2. Tap **Add Members**
3. Search for your bot by its username (e.g., "@myrobotext_bot")
4. Add the bot to the group
5. Your bot should now appear as a member of the group

Step 4: Connect to RoboText WiFi

4.1 Find the RoboText Network

1. On your phone or computer, open **WiFi Settings**
2. Refresh/scan for available networks
3. Look for a network named: **ROBOTEXT_Setup**
4. Connect to this network (no password required)

4.2 Access the Setup Page

- **Most devices:** A setup page should automatically appear
- **If not:** Open your web browser and navigate to:

192.168.4.1

Robotext Telegram Bot Setup

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-40208

854112234:AAGBpTsi

Save

Scan Networks

Reset Settings

Step 5: Configure WiFi and Telegram Settings

On the setup page, you'll see:

1. **Available WiFi Networks:** The RoboText will automatically scan and display nearby networks
2. **Select your home/office WiFi network** from the list
3. **Enter your WiFi password** in the credentials field
4. **Paste your Telegram Token ID** (from Step 3.2)
5. **Paste your Chat ID** (from Step 3.4)
6. Click **Save**

Step 6: Restart and Verify

1. After clicking Save, RoboText will automatically restart
2. Wait 30-60 seconds for the device to connect to your WiFi network
3. Check your Telegram group - you should receive a **confirmation message** from your bot
4. ✓ Setup complete! Your RoboText is now connected and ready to use
5. Connect the HQ to the telecable on the pcb.

Troubleshooting

Problem	Solution
Can't see ROBOTEXT_Setup network	Ensure device is powered on. Try restarting the device by disconnecting and reconnecting power.
Setup page doesn't load	Manually enter 192.168.4.1 in your browser. Make sure you're connected to ROBOTEXT_Setup network.
No confirmation	Double-check that both Token ID and Chat ID were

message in Telegram	entered correctly. Verify your bot was added to the group. Ensure your WiFi credentials are correct.
Lost my Token ID	Go to @BotFather in Telegram, send /mybots, select your bot, then select "API Token" to view it again.

Important Security Notes

- **Never share your Token ID** with anyone
 - If you believe your token has been compromised, revoke it through @BotFather and create a new bot
 - Only add trusted members to your Telegram group
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Input Pin Connections (Wire Colors)

If you need to connect inputs to your RoboText device, use the following wire color coding:

Input Pin	GPIO Pin	Wire Color
Input 1	GPIO 14	White
Input 2	GPIO 15	Black
Input 3	GPIO 12	Red
Input 4	GPIO 32	Green

Note: Ensure all connections are made with the device powered off to prevent damage.

Need Help?

If you continue to experience issues, please contact support with:

- A description of the problem
 - Any error messages you see
 - Screenshots of your setup (**DO NOT** include your Token ID in screenshots)
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Document Version 2.0 - Updated with detailed instructions and troubleshooting