APRS USB DONGLE FOR A FIXED STATION

MASTER-APRS

Plug it into 5V USB, connect it to Wi-Fi, and it beacons your station to the APRS network around the clock.



APRS icon
Pick the icon your station shows on the map.

APRS SSID
Choose the SSID for your station.

Wi-Fi connectivity
Easy Wi-Fi setup and a reliable connection.

Beacon text
Set your own beacon message.

5V DC power
Works on 5V DC from any USB port.

Plug and play
Just plug it in and get started.

Pre-set for APRS
Ready for APRS operation.

Runs 24/7
Built for stable, continuous use.

Low power
Low consumption, high performance.

Quick setup

1. Plug it into 5V USB. It starts its own setup Wi-Fi.
2. Connect your phone to it and open 192.168.4.1.
3. Enter your Wi-Fi, callsign, SSID, icon and beacon text.
4. Tap Save & Reboot. It starts beaconing.

SETUP WI-FI

Wi-Fi	`MASTER-APRS Wx`
Password	`mastersetup`
Open	`192.168.4.1`

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vu2rcy.com/products/master-aprs

WI-FI APRS WEATHER STATION

MASTER-APRS Weather Station

Sends real-time temperature, humidity and pressure to the APRS-IS network. Easy to configure, easy to use.



Wi-Fi enabled
Connects to your Wi-Fi network and APRS-IS.

Weather reporting
Temperature, humidity and pressure.

APRS-IS compatible
Works with popular APRS-IS servers.

Web configuration
Set it up from any web browser.

Live status
Check connection, signal and weather.

Beacon interval
Set how often it beacons.

Automatic beacon
Beacons at the interval you set.

Fixed location
Home, base station or remote site.

Real-time data
Live weather on APRS.

Easy control
Send a beacon, check status, change settings.

Quick setup

1. Connect to the MASTER-APRS Wx Wi-Fi.
2. Open 192.168.4.1 in a browser.
3. Enter Wi-Fi, APRS details, location, icon and interval.
4. Tap Save & Reboot and you're on APRS.

SETUP WI-FI

Wi-Fi	`MASTER-APRS Wx`
Password	`mastersetup`
Open	`192.168.4.1`

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LONG-RANGE TEXT CHAT OVER LORA

LoRa CHAT

Chat between LoRa units over long distance from your phone's browser. No internet, no SIM, just LoRa.



Long range
UHF 433MHz for extended range.

Simple chat page
Easy messaging between LoRa units.

Built-in battery
2000mAh, rechargeable.

5V charging
Charges from a 5V DC input.

Reliable
Direct point-to-point link between units.

No internet
No SIM card or network needed.

Long range
LoRa on UHF 433MHz.

Low power
Runs on its built-in battery.

High reliability
Unit to unit, nothing in between.

Good for Outdoors · Events · Remote areas · Emergencies

Quick setup

1. Connect your phone to the LoRa_CHAT_A Wi-Fi.
2. Open 192.168.4.1 in any browser.
3. Type your message and tap Send.

SETUP WI-FI

Wi-Fi	`LoRa_CHAT_A`
Password	`12345678`
Open	`192.168.4.1`

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NTP WI-FI DIGITAL CLOCK

MASTER-CLOCK

Gets accurate time from NTP servers over Wi-Fi and shows it on a clear LCD. Set it up once and it stays on time.



Wi-Fi enabled
Connects to your Wi-Fi network.

NTP time sync
Gets accurate time from NTP servers.

12/24 hour format
Displays time in 12-hour format with AM/PM.

Date and weekday
Date, month, year and day of the week.

Easy configuration
Wi-Fi setup portal, no coding needed.

Plug and play
Runs from USB power.

No app required
Set up from any browser.

Always accurate
Syncs itself over the internet.

Low power
Low power consumption.

Good for Office · Schools · Labs · Factories · Home · Projects

Quick setup

1. Power it from USB.
2. Connect to the Clock-Config Wi-Fi.
3. Open 192.168.4.1, enter your Wi-Fi and save.
4. It syncs the time and shows it on the LCD.

SETUP WI-FI

Wi-Fi `Clock-Config`
Open `192.168.4.1`

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GPS APRS TRACKER FOR YOUR VHF RADIO

MASTER-APRS TRACKER

Plugs into your VHF radio and beacons your GPS position over APRS. Set it up from your phone over Wi-Fi.



Built-in GPS
Accurate location tracking.

Web configuration
Easy setup over Wi-Fi.

Your settings
Callsign, SSID, path, interval and comment.

Automatic beaconing
Adjustable interval and smart beaconing.

1200 bps AFSK
AX.25 APRS, with manual TX and channel busy detection.

Most VHF radios
Handheld, mobile and base.

2000 mAh battery
Built in and rechargeable.

USB-C charging
Charger built in.

Charge light
Red while charging, blue when full.

Quick setup

1. Connect the cable to your radio, tune to the APRS frequency and turn squelch on.
2. Switch it on, join its Wi-Fi and open 192.168.4.1 to enter your callsign and settings.
3. Tap Save Settings. Once the GPS light is steady, it beacons.

SETUP WI-FI

Wi-Fi	`APRS-Tracker`
Password	`12345678`
Open	`192.168.4.1`

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RECEIVE-ONLY APRS IGATE

MASTER-APRS IGATE-Rx

Receives 1200-baud AFSK APRS packets from a VHF radio, decodes them, and forwards them to APRS-IS over Wi-Fi.



1200 baud AFSK
Receives APRS packets from your radio.

AX.25 decoding
Decodes the packets it receives.

APRS-IS over Wi-Fi
Forwards received packets to APRS-IS.

Web configuration
Easy Wi-Fi setup from a browser.

Status lights
Wi-Fi, DCD and Rx indicators.

5V DC
Runs on a 5V DC supply.

VHF radio in
Receives from your VHF radio.

Wi-Fi
Straight to APRS-IS.

Receive only
Listens and forwards.

Audio cable
Works with a suitable audio connection cable.

How it works

VHF radio
↓
MASTER-APRS IGATE-Rx
↓
Wi-Fi
↓
APRS-IS

Works with VHF radios using a suitable audio connection cable.

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