

# Chapter 1: Getting Started

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# General FINMON Programming

This page covers the essential programming requirements for all Finmon radio installations.

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## Required Programming Steps

The following must be programmed for the Finmon radio to work via the dialler correctly:

- 1. Account Code**
  - Four digit code as required by control room
  - Must be inserted in all required locations (some panels need it in multiple places)
  - For six digit fields: program the four digits followed by FF (e.g., 1234FF)
- 2. Telephone Number**
  - Program '5555555' in both primary and secondary locations
  - Must be exactly seven 5's
- 3. Communication Format**
  - Contact ID must be enabled
  - This is the standard format for all installations
- 4. Dial Attempts**
  - Minimum of 6 attempts required
- 5. Dial Timeout**
  - For kiss-on (if applicable): minimum 60 seconds
  - If no timeout available, ensure attempts cover:
    - 90 seconds for server send
    - Additional 90 seconds for direct send
    - SMS send time (if enabled)
  - **Note:** SMS limit is 20 free messages per unit per month
- 6. Dialing Method**
  - Tone dialling must be enabled (usually default)
  - Do not use pulse dialling
- 7. Special Requirements**
  - Forced dialling must be enabled (mostly for Caddx panels)

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## Important Notes

- Always verify all settings before leaving site
- Test communication after programming
- Document any deviations from standard programming

# Trigger Inputs Z1-4 on Transmitter

This page covers the configuration of direct trigger inputs on the Finmon transmitter.

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## Default Configuration

**Factory Default Account Code:** 9998

When a transmitter is connected to a panel via serial/dialler:

- The panel will automatically update the radio with its account code on first signal
  - If the account code is changed on the panel, it will update the radio again
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## Direct Connection to Z1-4

When connecting directly to trigger inputs (not through a panel):

- 1. Account Code Programming**
    - Must be set by dialling into the radio over the internet
    - Use Finmon website: [www.finmon.co.za](http://www.finmon.co.za)
    - **REFER TO YOUR FINMON CONSULTANT OR CONTROL ROOM**
  - 2. Voltage Requirements**
    - The radio requires a positive 12v trip on any of the triggers.
    - Ensure clean, stable 12v signal
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## Default Trigger Assignments

Input	Default Function
Z1	Panic
Z2	Burglary
Z3	Open by user / Close by User
Z4	AC Failure

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## Reprogramming Triggers

The trigger inputs can be reprogrammed for any Contact ID reporting code:

- Examples: supervisor on site, pump failure, temperature alarm
  - Access required via Finmon website
  - Contact Finmon support for custom programming
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## Wiring Notes

- Use appropriate gauge wire for 12v signals
- Keep wiring runs as short as practical
- Avoid running trigger wires parallel to AC power
- Use shielded cable in high-interference environments