

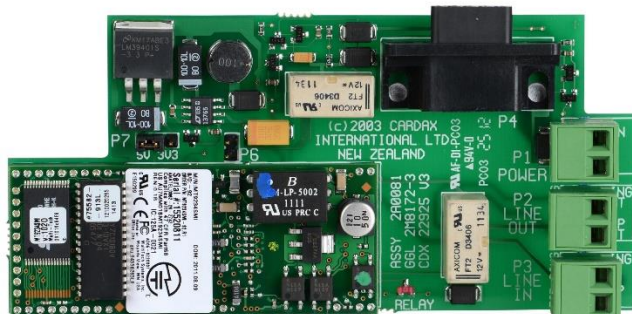


Gallagher

PSTN Dialler

Installation Note

Gallagher PSTN Dialler: C200620



ATTENTION: This equipment contains components that can be damaged by electrostatic discharge. Ensure both you and the equipment are earthed before beginning any servicing.



IMPORTANT: This device is compatible with Gallagher Command Centre version vE8.40 MR2 or later, and Controller Software version vCR8.40.210929a or later.

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1 Introduction

The Gallagher PSTN Dialler is supported by the Gallagher Controller 6000 for both Contact ID transmission and remote/PPP dial-up situations.

The Dialler is housed in the same Cabinet as the Controller, and is mounted on top of the Controller via the serial port (P4). With a Dialler mounted on a Controller, the run LEDs are still readily visible.

Note: For Contact ID the Gallagher PSTN Dialler must be used. However, for PPP only, any modem can be used but the Gallagher PSTN Dialler is recommended.

2 Before you begin

2.1 Shipment Contents

Check the shipment contains the following items:

- 1 x Gallagher PSTN Dialler
- 2 x screws (4-40UNC x ¼" Pan Phil SS MTS T304)

2.2 Power Supply

The 13.6 Vdc + 15% power should NOT be taken from any output port on the Controller.

Important Notice: Under power failure conditions, this equipment may not operate. Please ensure that a separate telephone, not dependent on local power is available for emergency use.

2.3 Resets

The Gallagher PSTN Dialler reset is performed under the control of the Gallagher Controller 6000 software after failure of a dialout attempt or after an extended period of inactivity.

The Gallager PSTN Dialler will reset in the following circumstances:

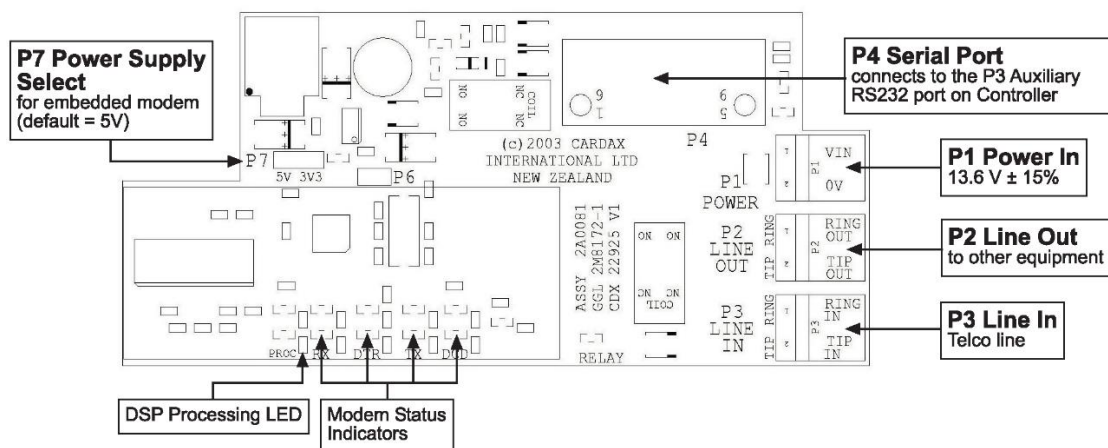
- when a telecommunications line is unobtainable
- when there is no response from the Contact ID receiving station
- when there are modem errors (in which case the errors will be recorded in the Event log prior to resetting the modem)

3 Connection

The P7 Power Supply socket is in the 3.3V position at the time of manufacture. Before physically connecting the Dialler to the Controller, check that the connector is set to the default 3.3V position.

1. Power off the Controller that you are connecting the Dialler to.
2. Insert the Dialler vertically onto the Controller, so that the **P4** Serial Port on the Dialler plugs into the RS232 Serial Port on the Controller 6000, (i.e. labelled **Serial** on the Controller).
3. Using the two screws provided, fix the connector into place.
4. Wire up **P1**, **P2**, and **P3**.

4 Component Layout



5 Spark New Zealand Warning Notice

1. The grant of a Telepermit for any item of terminal equipment indicates only that Spark (previously known as Telecom) has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Spark, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Spark's network services.

This equipment is not capable under all operating conditions of correct operation at the higher speed which it is designated. 33.6 kbps and 56 kbps connections are likely to be restricted to lower bit rates when connected to some PSTN implementations. Spark will accept no responsibility should difficulties arise in such circumstances.

2. Immediately disconnect this equipment should it become physically damaged, and arrange for its disposal or repair.
3. This modem shall not be used in any manner, which could constitute a nuisance to other Spark customers.
4. This equipment shall not be set up to make automatic calls to the Spark '111' Emergency Service.
5. No '111' or other call can be made from this device during a mains power failure.
6. This equipment is set up to carry out test calls at pre-determined times. Such test calls will interrupt any other calls that may be set up on the line at the same time. The timing set for such test calls should be discussed with the installer.

The timing set for test calls from this equipment may be subject to 'drift'. If this proves to be inconvenient and your calls are interrupted, then the problem of timing should be discussed with the equivalent installer. The matter should NOT be reported as a fault to Spark Faults Service.

7. Some parameters required for compliance with Spark's Telepermit requirements are dependent on the equipment (PC) associated with this device. The associated equipment shall be set to operate within the following limits for compliance with Spark's Specifications:

For repeat calls to the same number:

- There shall be no more than 10 call attempts to the same number within any 30-minute period for any single manual call initiation, and
- The equipment shall go on-hook for a period of not less than 30 seconds between the end of one attempt and the beginning of the next attempt.

For automatic calls to different numbers:

- The equipment shall be set to ensure that automatic calls to different numbers are spaced such that there is no less than 5 seconds between the end of one call attempt and the beginning of another.

For automatically answered incoming calls:

- The equipment shall be set to ensure that calls are answered between 3 and 30 seconds of receipt of ringing.

8. For correct operation, total of the RN's of all devices connected to a single line at any time should not exceed 5.
9. In the event of any problem with this device, it is to be disconnected, and a CPE item connected to one of its terminal ports may be connected directly in its place. The user should then arrange for the product to be repaired. Should the matter be reported to Spark as a wiring fault, and the fault be proven to be due to this product, a call-out charge will be incurred.

In the event of any problem with this device, the by-pass switch should be operated. The user is to then arrange with the supplier of the device to make necessary repairs.

6 Technical specifications

Routine maintenance:	Not applicable for this device
Voltage:	13.6 ± 15% Vdc
Current:	300 mA
Temperature range:	-30 °C to +50 °C
Humidity:	0 - 95% non-condensing

To reduce the risk of fire, replace fuses only with the same type and rating of fuse.

7 Approvals and Compliance Standards



This symbol on the product or its packaging indicates that this product must not be disposed of with other waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city recycling office or the dealer from whom you purchased the product.

FCC

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

UL Installations

For a guide to configuring the Gallagher system to the UL Standard, please refer to the document appropriate to your location:

- "3E2793 Gallagher Command Centre UL Configuration Requirements" (for USA), or
- "3E5960 Gallagher Command Centre ULC Configuration Requirements" (for Canada).

Installers must ensure these instructions are followed to ensure the installed system is UL compliant.



UL294 - Access Control
UL2610 - Commercial Burglary
CAN/ULC-S304- Commercial Burglary
CAN/ULC 60839-11-1- Access Control

AS/NZS IEC 60839.11.1:2019 Grade 2, Class II

EN50131-3 Grade 4, Class II

