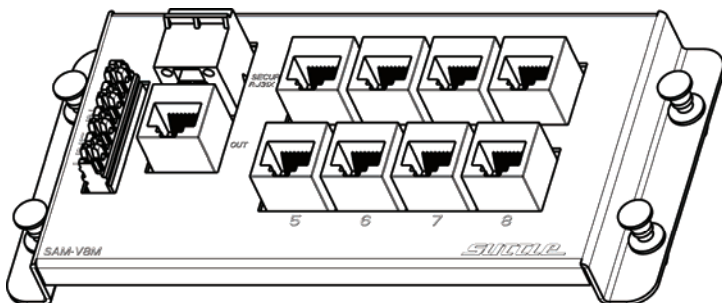


SUTTLE

SAM-V8M 8-Port Voice Module

User Guide



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1. Introduction

Features

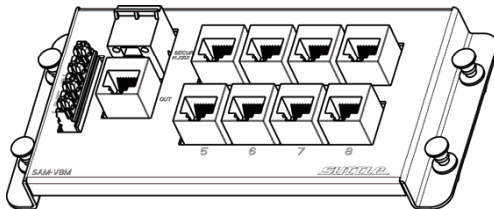
- Conforms to UL standards.
- Accommodates up to 4 telephone service lines.
- Alarm interface is configured for use on service line 1.
- Centralized test port, to verify incoming phone service.
- Supports up to 8 home run terminations.
- Installer-friendly push-lock pin mounting.

Package Contents

- 8 Port Voice Module
- User Guide



User Guide



8-Port
Voice Module

Compare the contents of your SAM-V8M with the checklist above. If any item is missing or damaged, please contact your local dealer for service.

2. Module Installation

Mounting:

Align the mounting pins with the grid holes on the back of the enclosure. With the mounting pin plungers in the “out” position, press the unit into the grid in the desired location, secure by pushing the plungers in.

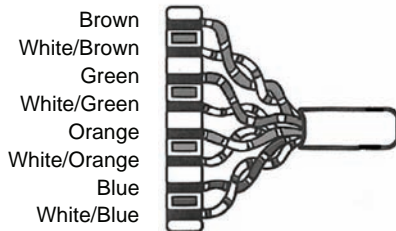
Terminate Incoming Service Lines:

Run twisted pair cable from the telephone company demarcation point to the 110 IDC labeled “**LINE IN**” on the **SAM-V8M**.

110 IDC Termination Procedure

Strip 3 in. of outer jacket from the cable. Place wires into proper slots according to selected configuration. Starting at the blue-position of the IDC, begin with the white wire of each pair as you progress to the orange-position on the IDC as shown below. Press wires into slots with punch tool. Trim excess wire with diagonal cutter.

NOTE: one pair of wires corresponds to each line from the phone company. (Line 1=blue, Line 2=orange, Line 3=green, Line 4=brown).



Terminate Premise Wiring:

Direct Distribution

Run twisted pair cable from the telephone jacks throughout the premise to the numbered distribution jacks. Terminate modular 8 position plugs to the horizontal cables using the 568A wire standard.

Patch Panel Distribution

Run twisted pair cable from the telephone jacks throughout the premise to the 110 IDCs of a **SAM-D8** patch panel using the termination procedure above. Connect the numbered distribution ports of the **SAM-V8M** to the desired ports of the **SAM-D8** patch panel with 8 conductor patch cords.

Alarm Interface Connection:

The **SAM-V8M** features a security interface port which may be connected to a security system; in an emergency situation, the security system can seize telephone service on **LINE 1** when the alarm is activated. Connect 8 conductor cord from alarm dialer to the “**Security RJ31**” port on the **SAM-V8M**.

Phone Signal
from Alarm Panel

1-4 Lines In

SAM-V8M

SAM-V8M

SetPoint

to Outlets

to Outlets

CAT 5e 8-P

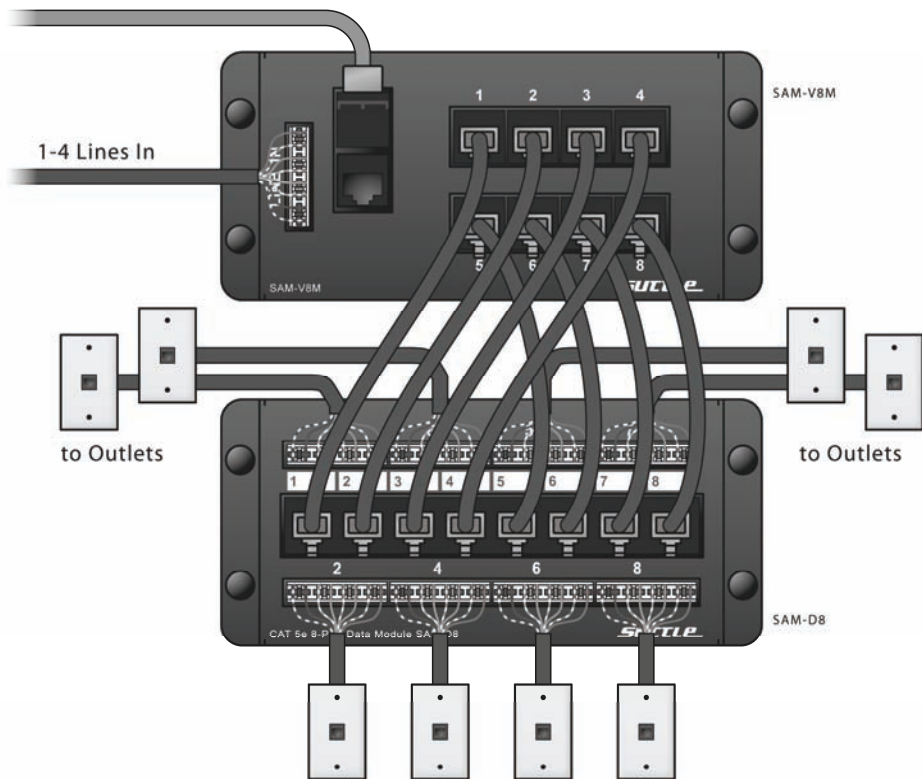
Data Module SA

1-8

SetPoint

SAM-D8

to Outlets



3. Testing

Testing:

Verify incoming dial tone by connecting the tester to the “**OUT**” jack, prior to terminating the premise wiring. Repeat test after all premise wiring is complete to ensure all terminations are correct.

*Note: Use a qualification tester for testing this bridged voice distribution module. Tester must be equipped with an **RJ45** (8 position, 8 conductor) test plug.*

Important Information:

- Read and understand all instructions. Follow all warnings and instructions marked on the product.
- Do not use this product near water,--e.g., near a bath tub, wash basin, kitchen sink, wet basement, or near a swimming pool.
- Never push objects of any kind into this product through openings, as they may contact dangerous voltages.
- SAVE THESE INSTRUCTIONS.

Safety Information:

- Never install communications wiring or components during a lightning storm.
- Never touch uninsulated wires or terminals unless the wiring has been disconnected at the network interface.
- Never install communications components in wet locations unless the components are designed specifically for use in wet locations.

