

1922 Apparatus Case

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1. description and application

1.01 The 1922 Apparatus Case (figure 1) is a general-purpose Type-16C cabinet that provides enclosed mounting for a variety of key telephone unit (KTU) or other equipment. Flexible design permits this case to be used with Tellabs Type 10 (or equivalent) Mounting Shelves, small-load power supplies and ringing generators, or other equipment designed for apparatus-case installation. Suitable for tabletop placement or wall-mounting, the 1922 features clean, modern styling and a basic off-white color that make it an attractive addition to any central office, computer room, or similar environment.

1.02 This practice is revised to update the information provided in section 4.

1.03 Equivalent in size and capacity to the industry-standard Type 16C apparatus case, the 1922 accommodates two Tellabs 1013 or 1014 Mounting Shelves or two 23-inch rows of other KTU equipment. When used to house the Tellabs 334 SST Selective Signaling System, the 1922 Case is equipped with two Tellabs 1012 mounting shelves (each with a capacity of 12 modules) and two 8051 Power and Ringing Supplies. For power and equipment connection, up to five 66-pin quick-connect terminal blocks can be mounted to the 1922's backplate. Many other equipment configurations are, of course, possible.

1.04 The 1922's tamper-resistant design prevents unauthorized access. A smoke-grey, high-impact plastic front cover allows equipment status indicators, lamps or LED's to be viewed at a glance. This cover is lockable by means of a built-in security bracket and a customer-supplied lead wire seal or padlock. In addition, a locking catch, which secures the case's equipment frame, can only be accessed after the front cover is removed.

1.05 Mounting shelves and power and ringing equipment are secured to the mounting bars of the hinged equipment frame that swings outward from the backplate of the 1922. With the equipment frame open, internal wiring to the mounting shelves' 56-pin module connectors and to the terminal strips of power supplies or ring generators can be made with ease. All internal connections (except power and ringing) can be brought out to the

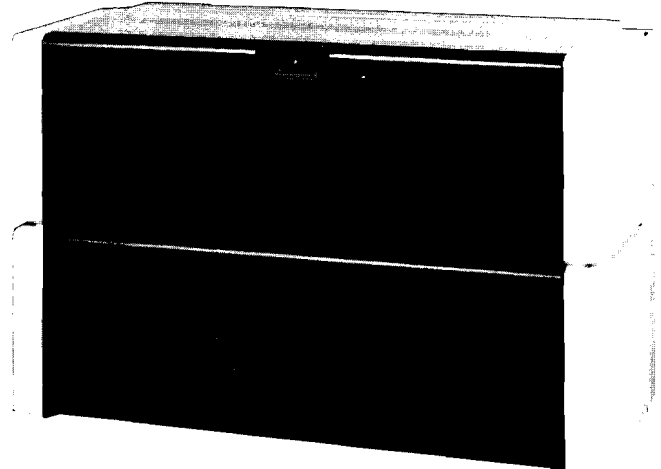


figure 1. 1922 Apparatus Case

mentioned 66-pin quick-connect terminal blocks (not supplied), mounted to the case's backplate. Cable-access openings are provided at the top and bottom of both ends of the case. When wiring is completed, the equipment frame swings back into position and the locking catch secures it to the backplate.

1.06 Unitized steel construction adds to the 1922's durability, and decorative end caps enhance its overall appearance. Hinges are designed to withstand a 50 pound weight test with minimal deflection and accurate equipment frame latching. Heat dissipation slots are provided on the top and bottom panels. Rubber feet on the 1922 Case prevent tabletop marring, while keyhole slots in the backplate facilitate wall-mounting where tabletop placement is impractical.

2. installation inspection

2.01 The 1922 Apparatus Case should be visually inspected upon arrival to find possible damage incurred during shipment. If damage is noted, a claim should immediately be filed with the carrier. If stored, the case should be visually inspected again prior to installation.

mounting

2.02 The 1922 can be located on a tabletop or wall-mounted. Four rubber feet are provided for tabletop placement. (These feet may be left on or removed when the case is wall-mounted.) The case is wall-mounted by means of four screws (not provided) through four keyhole slots in the backplate. Because a fully loaded assembly can weigh up to 125 pounds, special care should be taken to use the proper size and type of screws (and wall plugs as well, if the mounting screws cannot be driven

into studs). The keyhole mounting slots in the backplate of the 1922 are located on 16-inch centers.

2.03 To wall-mount a 1922 Case, the front cover must first be removed. To do so, pull the black plunger knob on the cover forward and pivot the cover downward.

2.04 The 1922 Case is aligned at the factory for tabletop mounting. In applications where unusual equipment weight prevents accurate frame latching or causes hinge strain, the 1922 can be realigned so that its backplate rests approximately 1/4 inch below the main housing, thereby providing added stability. To realign the backplate, proceed as follows:

A. After opening the front door of the case, depress the plastic tabs on the right-hand end cap. Carefully pull off the end cap. See figure 2.

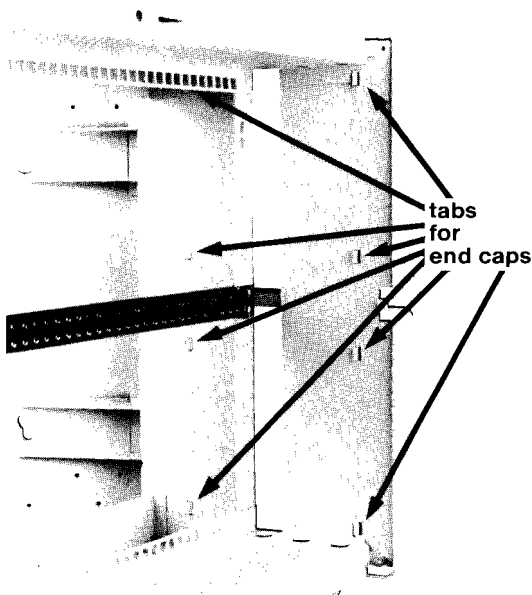


figure 2. Depress plastic tabs to remove end caps

B. Loosen all five hinge screws slightly and lift the main housing so that the backplate rests below the housing.

C. After realigning the backplate, retighten the screws and replace the end cap.

2.05 Although the 1922 Case is shipped with the backplate hinge on the righthand side (as viewed from the front), the hinge can be changed to the lefthand side if required. Contact Tellabs Technical Marketing Services at your Tellabs Regional Office (see section 4 of this practice) for proper procedure.

2.06 The 1922 Case is supplied with 12-24 UNC nut retainers for attaching equipment to the case's equipment frame. Insert these nut retainers into their proper location from the rear. Use 12-24 UNC screws (not supplied) to secure the equipment to the equipment frame.

3. specifications

dimensions:

16.75 inches (42.55cm) high

26 inches (66.04cm) wide

11.13 inches (28.27cm) deep

weight:

52.5 lbs (19.58kg)

capacity:

Two Tellabs 1013 or 1014 Mounting Shelves (or equivalent)

construction:

unitized steel with polycarbonate plastic front cover and ABS plastic end caps

4. testing and troubleshooting

4.01 The 1922 Apparatus Case should be thoroughly physically inspected before mounting to verify that there are no visible defects. If trouble is encountered, ensure that all modules and other equipment are seated correctly and operating properly and that all wiring is correct. (For Tellabs products, see their individual Tellabs practices for wiring, testing, and troubleshooting information.) If equipment is suspected of being defective, substitute new equipment (if possible). If the substitute operates correctly, the original should be considered defective and returned to Tellabs for repair or replacement as directed below. We strongly recommend that no internal (component-level) testing or repairs be attempted on Tellabs equipment. Unauthorized testing or repairs may void its warranty. Also, if the equipment is part of a registered system, unauthorized repairs will result in noncompliance with Parts 15 and/or 68 of the FCC Rules and Regulations.

Note: Although repair service always includes an attempt to remove any permanent markings made by customers on Tellabs equipment, the success of such attempts cannot be guaranteed. Therefore, if equipment must be marked **defective** or **bad**, we recommend that it be done on a piece of tape or on a removable stick-on label.

technical assistance via telephone

4.02 If a situation arises that is not covered in this practice, contact Tellabs Customer Service as follows:

USA customers: Contact your Tellabs Regional Office listed below.

region	telephone	office location
US Atlantic	(203)798-0506	Danbury, CT
US Capital	(703)478-0468	Washington, DC
US Central	(312)357-7400	Chicago, IL
US Southeast	(305)834-8311	Orlando, FL
US Southwest	(214)869-4114	Dallas, TX
US Western	(714)850-1300	Orange County, CA

Canadian customers: Contact our Canadian headquarters in Mississauga, Ontario. Telephone (416)624-0052.

International customers: Contact your Tellabs distributor.

selecting correct product service procedure

4.03 If equipment is diagnosed as defective or if in-service equipment needs repair, follow the **product return procedure** in paragraph 4.04 in all cases except those where a critical service outage exists (e.g., where a system or a critical circuit is down and no spares are available). In critical

situations, or if you wish to return equipment for reasons other than repair, follow the **product replacement procedure** in paragraph 4.05.

product return procedure (for repair)

4.04 To return equipment for repair, first contact Tellabs Product Services (see addresses and numbers below) to obtain a Material Return Authorization (MRA). A service representative will request key data (your company's name and address, the equipment's model and issue numbers and warranty date code, and the purchase order number for the repair transaction). The service representative will then give you an MRA number that identifies your particular transaction. After you obtain the MRA number, send the equipment prepaid to Tellabs (attn: Product Services).

in the USA:

Tellabs, Inc.
4951 Indiana Avenue
Lisle, Illinois 60532
telephone (312) 969-8800

in Canada:

Tellabs Communications Canada, Ltd.
1200 Aerowood Drive, Unit 39
Mississauga, Ontario, Canada L4W 2S7
telephone (416) 624-0052

Enclose an explanation of the malfunction, your company's name and address, the name of a person to contact for further information, and the purchase order number for the transaction. Be sure to write the MRA number clearly on the outside of the carton being returned. Tellabs will inspect, repair, and retest the equipment so that it meets its original performance specifications and then ship the equipment back to you. If the equipment is in warranty, no invoice will be issued. Should you need

to contact Tellabs regarding the status of a repair, call or write the Product Services department at our Lisle or Mississauga headquarters as directed above.

product replacement procedure

4.05 For critical service outages, Tellabs offers a choice of two replacement services (if the product is in replacement stock) in lieu of the 15-day repair and return service described above. These are **overnight express service** (at extra cost) anywhere in the USA and **five-day expedited delivery** (at no extra cost) anywhere in the USA and Canada. To obtain replacement equipment via either of these services, contact your Tellabs Regional Office in the USA or our Canadian headquarters in Mississauga, Ontario, for details, costs (if applicable), and instructions. Telephone numbers are given in paragraph 4.02. A service representative will request key data (your company's name and address, the equipment's model and issue numbers and warranty date code, and the purchase order number for the replacement transaction). Tellabs will then ship the replacement to you in accordance with the replacement service you request. An invoice in the amount of the replacement's current price plus any applicable service charges will be issued after the replacement is shipped. When you receive the replacement, pack the equipment to be returned in the replacement's carton, sign and enclose the packing list, affix to the carton the preaddressed label provided, and ship the carton prepaid to Tellabs at our USA or Canadian headquarters. When we receive the defective equipment (within 30 days of our issuing the replacement), the invoice will be adjusted to reflect only service charges (if applicable). Please note that OEM, modified, and manufacture-discontinued equipment is not available via overnight express service.