SML-TS-F 使用说明

SML-TS-F Instructions for use


RJ11
RJ45
红光源
寻线指示灯
线序指示灯
关/测线档位
寻线档位
红光源档位
shenlin
杉木林
SML-TS-F
感应头
电源指示灯
灵敏度调节旋钮
电话线寻线档位
关机
网线寻线档位
线序指示灯
RJ45/RJ11合用网口

发射器　　接收器

1、网线寻线
操作方式：
1、Cable scanning
Operating method：

电话线寻线
操作方式：
Telephone line scanning
Operating method：

寻线 Line Scanning

将发射器开关拨至“寻线”档位，如果寻网线，将接收器挡位拨至网线寻线挡位，如果寻电话线，将接收器挡位拨至电话线寻线挡位，此时发射器电源指示灯 POWER 常亮及状态指示灯 STATUS 亮红色，接收器电源指示灯常亮，开始寻线，接收器右侧灵敏度旋钮可调节灵敏度和音量大小。

Set the transmitter switch to the "Line Scanning" position. If scanning an Ethernet cable, adjust the receiver switch to the Ethernet line scanning position. If scanning a telephone line, adjust the receiver switch to the telephone line scanning position. At this point, the power indicator light "POWER" on the transmitter will stay on, and the status indicator light "STATUS" will be illuminated in red. The power indicator light on the receiver will remain on as well, indicating that line scanning has begun. The sensitivity knob on the right side of the receiver can be

adjusted to control the sensitivity and volume.

寻线类型 Types of Line Scanning

网　线：交换机带电寻线，屏蔽网线带电寻线和四芯网线带电寻线；
Ethernet Line: Scanning powered switches, shielded Ethernet line scanning, and four-core Ethernet line scanning.

电话线：电话线：电源线（弱点），金属两芯线。
Telephone Line: Scanning power lines (weak points) and two-core metallic lines.

红光源操作方式：

Red light source operating mode:

红光源寻线 Red Light Source Line Scanning

将开关拨至红光源挡位，接入待测光纤线，接口为 2.5mm FC/ST/SC 万用接头，可从光纤另一端观察到红光。

Switch to the red light source mode and connect the fiber optic cable to be tested. The interface should be a 2.5mm FC/ST/SC universal connector. Red light can be observed from the other end of the fiber optic cable.

3、对线

操作方式：
3、Line detection
Operating method：

发射器拨至“关/测线”档位，接收器处于关机状态，连接线缆，发射器和接收器的线序指示灯会依次亮起，根据发射器与接收器上的 8 个状态指示灯闪亮情况判定线路状况。

Set the transmitter to the "Off/Test" position, and the receiver is in the off state. Connect the cables, and the line sequence indicator lights on the transmitter and receiver will light up in sequence. The condition of the line is determined based on the flashing of the 8 status indicator lights on the transmitter and receiver.

双绞线对线结果表示：如线缆正常，则 1、2、3、4、5、6、7、8 灯依次点亮，如有线缆断路，则对应灯不亮，如有线缆短路，则主机短路线对依次点亮，副机短路线对同时点亮。
The result of the twisted pair line testing is as follows: if the cable is normal, lights 1, 2, 3, 4, 5, 6, 7, and 8 will light up sequentially. If there is a cable break, the corresponding light will not light up. If there is a cable short circuit, the main host short circuit line pair will light up sequentially, and the secondary host short circuit line pair will light up simultaneously.

4、智能手电筒
操作方式：
4、Smart flashlight
Operating method：

当光线充足时，照明灯处于关闭状态。光线不足时，照明灯会自动亮起。
When there is sufficient light, the lighting lamp is turned off. When there is insufficient light, the lighting lamp automatically turns on.

5、灵敏度可调功能 Adjustable sensitivity function

在使用过程中可转动接收器上可调旋钮，直到声音大小适当为止。
During use, rotate the adjustable knob on the receiver until the sound level is appropriate.

其它功能 Other functions

线路状态测试

Line status testing

线路状态测试功能能定性测试线路的一些基本状况。线路状态的测试只需由发射器完成，不需使用接收器。将鳄鱼夹适配线的一端插入发射器的 RJ11 插座，将适配线的另一端的红黑线夹夹上待测线路。

The line status testing function can qualitatively test some basic conditions of the line. Line status testing only needs to be done by the transmitter and does not require the use of the receiver. Insert one end of the adapter line with alligator clip into the RJ11 socket of the transmitter, and clip the red and black wires of the other end of the adapter line to the line to be tested.

线路直流电平检测及正负极性判定

DC voltage level detection and polarity determination

将发射器的功能选择开关拨至 OFF 位置，将红色及黑色线夹夹上线路。如果状态指示灯亮红色或绿色，表示线路中有直流电平。如果红色灯亮，红色线夹为正极，黑色线夹为负极；如果绿色灯亮，黑色线夹为正极，红色线夹为负极。电平的高低可由状态指示灯的明暗程度来判定；灯越亮，则电平越高；灯越暗，则电平越低。

Set the function selector switch of the transmitter to the OFF position, and clip the red and black wires onto the line. If the status indicator light is red or green, it indicates that there is a DC voltage level in the line. If the red light is on, the red clip is the positive pole, and the black clip is the negative pole; if the green light is on, the black clip is the positive pole, and the red clip is the negative pole. The voltage level can be determined by the brightness of the status indicator light; the brighter the light, the higher the voltage level; the darker the light, the lower the voltage level.

铃流信号检测

Ring signal detection

将发射器的功能选择开关拨至 OFF 位置，将红色及黑色线夹夹上线路。当有铃流信号进入时，状态指示灯红绿交替闪动。如果线路中同时有直流电平，则状态指示灯在红色或绿色的基础上红绿交替闪动。

Set the function selector switch of the transmitter to the OFF position, and clip the red and black wires onto the line. When a ring signal enters, the status indicator light alternates between red and green. If there is a DC voltage level in the line at the same time, the status indicator light flashes alternately on the basis of red or green.

开路或短路测试

Open circuit or short circuit testing

将发射器的功能选择开关拨至 SCAN 位置，将红色及黑色线夹夹上线路。线缆不短路时，状态指示灯亮红色。如果短路，灯不亮。线路上的阻抗可由状态指示灯的明暗程度表示；灯越暗，阻抗越小；灯越亮，阻抗越大。

Set the function selector switch of the transmitter to the SCAN position, and clip the red and black wires onto the line. When the cable is not shorted, the status indicator light is red. If it is shorted, the light does not turn on. The impedance of the line can be indicated by the brightness of the status indicator light; the darker the light, the smaller the impedance; the

brighter the light, the larger the impedance.