

NK430&NK432 Instruction Manual

Model: NK430

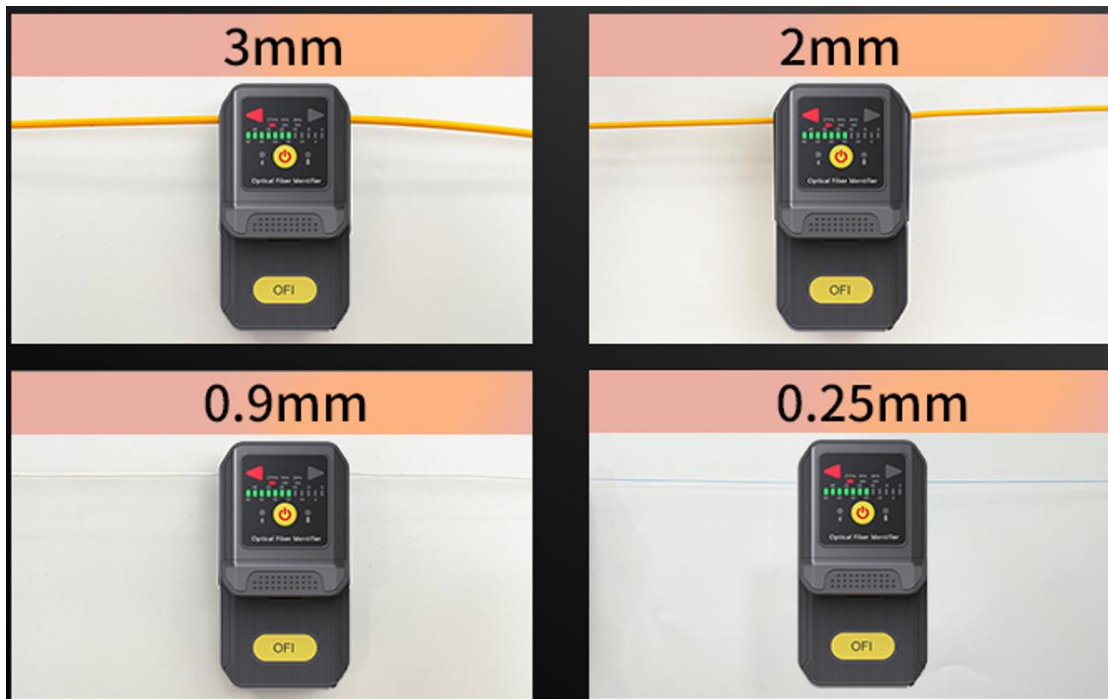


NK432



Operation Manual:

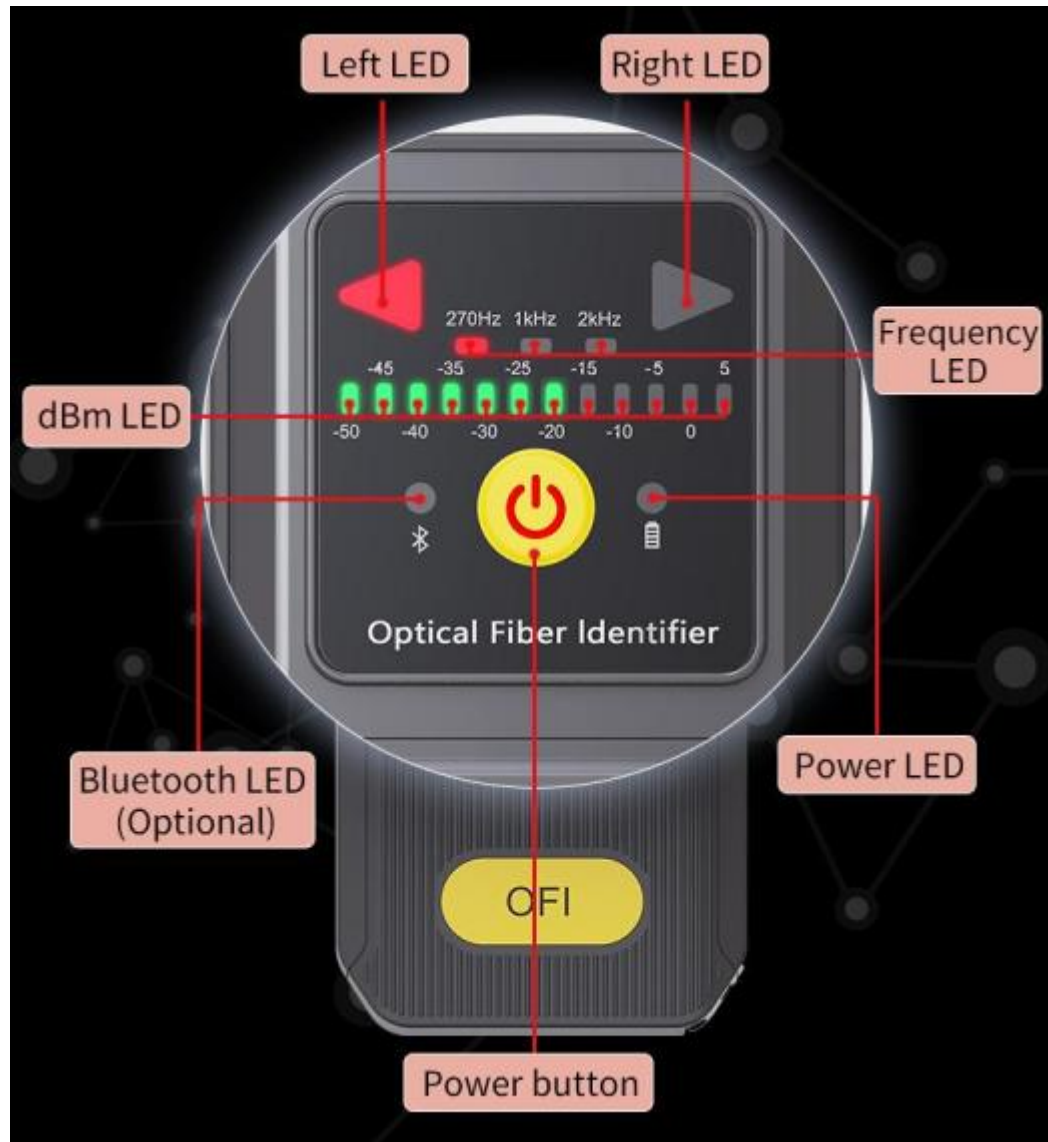
1. Power On/Off: Short press the power button to turn on the device. If all indicator lights (except for the Bluetooth indicator light) illuminate for about 1 second and then turn off, it indicates that the device has entered normal test mode. Long press the power button for 2 seconds to turn off the device.
2. Test: It can test optical fibers with core diameters of 3mm, 2mm, 0.9mm, 0.25mm, etc



The factory standard is a 2mm fiber. The accuracy of power and direction at -5dBm and -35dBm, as well as frequency recognition at around -20dBm for 270Hz, 1KHz, and 2KHz, are tested separately.

The power value of the 3mm jumper fiber test result may be slightly higher, but it is basically the same as the 2mm test result. The power deviation of the 0.9mm test result will be larger, with a deviation of about 2 lights depending on the clamping position and degree of clamping. For the 0.25mm fiber, you need to hold the exposed fiber on both sides of the clamp and push it inward to test.

The meanings of the lights on the indicator panel are as follows:



The left LED lights up indicating that the light inside the fiber is from right to left, and the right LED lights up indicating that the light inside the fiber is from left to right.

270Hz, 1KHz, 2KHz lights indicate that the corresponding frequency light is inside the optical fiber when one of the lights is on.

The dBm LED light on represents the optical power inside the fiber, for example, the light at -20 indicates that the optical power inside the fiber is $\geq -20\text{dBm}$.

The power LED light has three colors: green, yellow, and red. The green light is on when it is greater than 3.63V, the yellow light is on when it is 3.63V~3.4V, and the red light is on when it is 3.4V~3.3V. It automatically shuts down when it is lower than 3.3V.

After booting up, it automatically shuts down within 1 hour by default.

Bluetooth LED (optional): The standard version does not have Bluetooth, but the Bluetooth version will light up when connected to a phone via Bluetooth. The default Bluetooth name is a total of 12 characters starting with FI, and the default connection password is (1234).