

Warning

When using this instrument, please do not look directly at the optical interface or the end of the optical fiber with your eyes, avoid eye damage! Any change or modification not explicitly permitted in this manual will deprive you of the right to operate the equipment. To reduce the risk of fire or electric shock, do not expose the equipment to thunderstorm or humid environment. In order to prevent electric shock, do not open the shell, it must be repaired by the qualified personnel designated by the manufacturer.

Attention

Battery: The battery in the machine is a special lithium-ion polymer battery. The charging voltage is 5V, and the charging temperature ranges from 0 C $\sim~50$ C. When the ambient temperature is too high, the charging will automatically terminate. When the instrument is not used for a long time, the battery should be removed. The temperature range of the battery during long-term storage is -20 $^\circ\!\mathrm{C} \sim 45\,^\circ\!\mathrm{C}$.

Please use the special AC adapter attached to this instrument and use the external power supply strictly according to the specifications, otherwise the equipment may be damaged.

LCD screen: The display of this series of instruments is 3.5 inch color LCD. In order to maintain good viewing effect, please keep the LCD screen clean and clean. When cleaning, the LCD screen can be cleaned by wiping with soft fabric.





Main Interface

Turn on and enter the main menu. There are eight functional modules. Select the module by pressing the direction keys, and then press the "OK" key to enter the corresponding functional interface.

		Flashlight TF
Ti	me	USB Battery
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OTDR Setting Interface

OTDR setting interface

Enter the parameter setting interface. Multi-digit settings, through the left and right key positioning cursor, up and down selection.

 \blacktriangle $\mathbf{\nabla}$: Choosing settings items.

Press OK button to confirm or edit corresponding measurement parameters.



F1: Test F2: OK F3: Recovery F4: Cancel

2019-04-26	14:00	₩ •	÷
Wave			1550nm
Mode			Real •
Range			20Km •
Pulse			50ns •
Avg. Time			5s •
			0.1dB •
Return Loss	5 Thre.		40dB •
End Loss Th	nre.		10dB •
lor			1.46825 .
Auto Analyz	e		
Test	ОК	Recover	Cancel
F1	F2	F3	F4

Link quality and information can be viewed from the top after the test is completed,

Link information includes length, total loss and number of events.

Detailed event information can be viewed from the event list.

There are Four types of events:





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PAS	SS Le	en	4.000kn	n Los	ŝS	0.80dB	Ever	nt	2
		1							
A C	0.000	٢m							
			_						
					В	3.057Km	ו		
								İM	
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	a :	_			_				
A-B	DIS	2.	.000km	LOSS	0	.40dB	AVL	0.1	8dB/km
Test	wave	1:	550nm	Range		вкт	Puise		SUNS
NO	Туре	e	Dis (Km)	Even	it-L	AVL (dB/Km)	Retu		Link-L
2-1			1.000	0.8	0	0.18	35.00		0.20
2-2	+		4.000	0.00		0.18	30.	00	0.80
S	Set		Curso	or		Save		F	ile
C	F1		F2			F3			F4

OTDR-Zoom mode



201	2019-04-26 14:00			il:	÷				
PAS	is Le	n	4.000km	1 Lo	ss	0.80dB	Ever	nt	2
Zoor	n Mo	1 de					2		
A C	0.000K	m							
					В	3.057Kn	: 1		
								Cloud	າາດສາາງດາດ
								44	AAAAAAAAA
A-B	Dis	2.0	000km	Loss	0	.40dB	AVL	0.1	8dB/km
Test	Wave	15	50nm	Range		8km	Pulse		50ns
NO	Туре	•	Dis (Km)	Ever (dB	it-L	AVL (dB/Km)	Retu	m-L	Link-L
2-1	-		1.000	0.8	0	0.18	35.	00	0.20
2-2	-	-	4.000	0.0	0	0.18	30.	00	0.80
S	iet		Curso	or		Save		F	ile
	-1		F2			F3	_		F4

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OTDR-File Save

Press F3 (Save) key to save file after test complete, pop up the keyboard, enter the name of the file, and press Enter to save the file. If the automatic save (otdr) function is turned on in "System Settings", it will be saved automatically after the test complete without manual operation.

Auto-save function

Enter the system settings, open the auto-saving function, the instrument will automatically save the test files after the average or auto-test.

PASS	Len		Lo	oss		Event	
A 0.00	00Km						
				B 1(057K	m	
Save	SOR						
		_					_
1	2	3 4	1 5	6	7	8 9	θO
	-+	+	+-	\leftarrow	-	+	
Q	w	EF	₹ 🛛 Т	Y	U	1	О Р
			Ċ.		-		
A	s	D	F	G	I J	K	L
	-					1	
	2	Ľ	6	V E		M	Del
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iLOM(Event Map)

ОРМ

The function can be tested automatically by one key, and the information of the length of the link, the type of event point and the position of breakpoint can be displayed in a graphical form. The result is clear and easy to understand.



various devices and optoelectronic components. It can identify and measure



RJ45 Line Length & LineTracker

F1

F3

F4



System settings

Set up automatic shutdown, backlight brightness, time, language, upgrade and other information.

- F1: Optional for switching the current menu
- F3: System Software Upgrade
- F4: Confirmation settings



Switch settings entry Switch options of current entry $\blacktriangleright \blacktriangleleft$

2019-04-26	14:00	₩.	÷ 🗂 🕞
	Syst	em	
Auto OFF			10 Min 🕨
Back Light			50% •
Веер			
Date			2019-04-25 ›
Time			
Language			English 🕨
Auto Save (OTDR)		
USB Conne	ction		
Factory Dat	a Reset		
Version Info	ormation		
Set	Help	Update	ОК
F1	F2	F3	F4