

Quick Start Guide

MN4775A E/O Converter

MN4775A-0040 40 GHz 850 nm

MN4775A-0070 70 GHz 1550 nm

MN4775A-0071 70 GHz 1310 nm

MN4775A-0072 70 GHz 1310/1550 nm

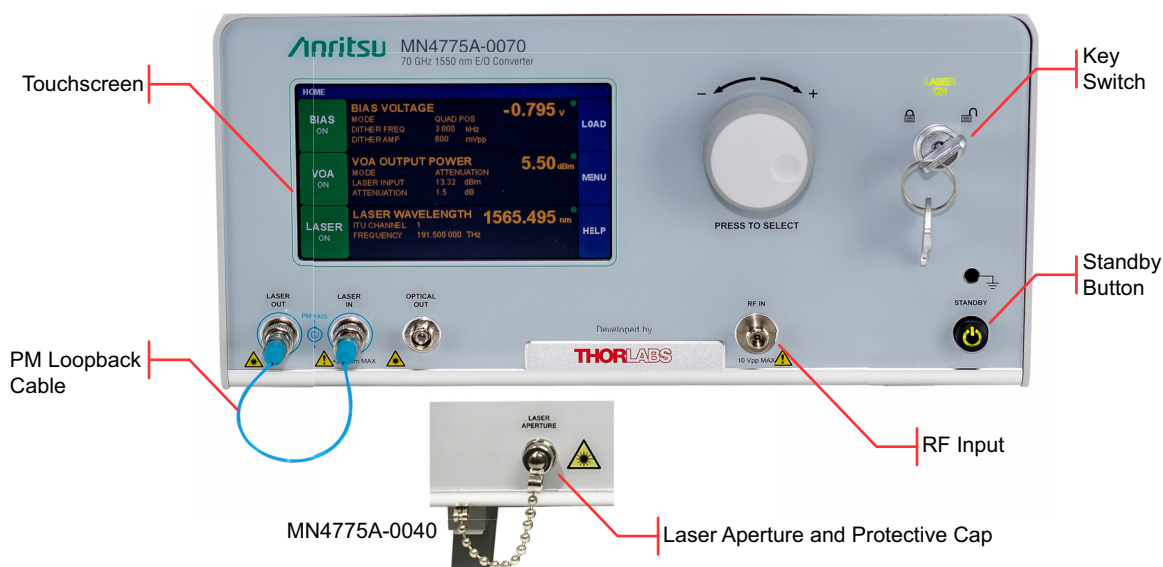
MN4775A-0110 110 GHz 1550 nm

MN4775A-0111 110 GHz 1310 nm

Setup Procedure: The following steps summarize the setup procedure required to operate the converter in the standard mode. Please refer to the **MN4775A Operating Manual** (10410-00774) for additional information.

1. On the MN4775A-007x and -011x models make sure the Laser Out port is connected to the Laser In port with the PM loopback fiber optic cable provided.
2. Turn on power to the converter via the power switch on the back panel. Press and hold the Standby button on the front panel until the indicator light changes from amber to green.
3. Turn the key switch to Unlock and then turn the laser on by tapping the lower-left touchscreen button on the Home page.
4. Enable the bias controller by tapping the top-left touchscreen button on the Home page. Wait for completion of the calibration process.
5. Turn on the VOA controller to adjust output power, if desired, by tapping the center-left touchscreen button on the Home page.
6. Apply the input RF signal to the female RF IN connector on the front panel. The maximum modulator RF input for linear response is ± 1 Volt Max (± 0.3 V for -011x). Observe connector care practices (e.g., 4 lb·in torque spec for the 1 mm connector on -011x models).

Shutdown Procedure: After going to standby with the front panel button, wait at least 30 seconds before removing the power cord or turning power off at the rear panel.



See www.anritsu.com for complete documentation.

Anritsu

Product Use Considerations



Warning – Laser Radiation

Avoid exposure to radiation emitted from apertures. Do not look into the laser aperture while the laser is on. Injury to the eye may result. Laser should not be turned on unless there is an optical fiber connected to the laser output port.

- **MN4775A-0040: Class 3B Laser**



- **MN4775A-007x: Class 1M Laser**
MN4775A-011x: Class 1M Laser



Do not remove cover. No user serviceable parts inside.

Operating environment:



- ESD Sensitive component
- Components not water resistant
- Excessive mechanical shock can damage the opto-mechanical system.
- Connect with shielded cables where possible.



Caution: Use of controls or adjustments or performance of procedures other than those specified in the manual may result in hazardous radiation exposure.



Product complies with Directives 2014/35/EU, 2014/30/EU, and 2011/65/EU



This device complies with Part 15 of the FCC Rules.



Complies with IEC/EN 60825-1:2014-05 Laser Safety.

Anritsu



10410-00779



D



Anritsu utilizes recycled paper and environmentally conscious inks and toner.

Anritsu Company
490 Jarvis Drive
Morgan Hill, CA 95037-2809
USA
<http://www.anritsu.com>