BLUETOOTH AUDIO INTERFACE
FOR THE FX100 AUDIO ANALYZER

The Bluetooth Audio Interface U 980 allows you to connect an FX100 Audio Analyzer to a Bluetooth device – e.g. wireless headset, loudspeaker – to measure its audio quality (supported profiles: A2DP and HFP). The Box thereby acts as signal relay between the Bluetooth device and the FX100.

The Bluetooth Audio Interface can be used for testing the sending (TX) or the receiving (RX) path of the device under test (DUT). The test is typically executed by using a GlideSweep test signal that is either replayed and broadcast by the DUT, or generated by the FX100 and transmitted via the Bluetooth Audio Interface.

Applications and Key Features

— Plug-and-play solution for testing the audio quality of Bluetooth devices in the lab or an production environment;

— Measurement of the TX or RX path supported;

— Easy remote control via PC software and USB;

— Easy remote control via PC software or API.

Technical Specifications

Number of channels	• 2 analog inputs (DUT left/right speaker) • 1 analog output (DUT microphone)
Connectors	• Analog inputs: BNC • Analog outputs: BNC • Control interface: USB type B
Bluetooth profiles	Digital I/O: Bluetooth A2DP and HFP profile
Power supply	Powered by USB
Amplitude Voltage at 0dBFs	Max 0.8Vp
Device control	• PC-software (included) • Command API is available
Status indicator	LED
Dimensions	96 x 33 x 140 mm (3.78" x 1.30" x 5.51")
Weight	360 g (0.79 lbs.)
Operating range	-20 to +50 °C (-4 to 122 °F)
Order Information NTi Audio #	600 061 024