Function Generators In the Lab

Quick Setup Tips

Waveform Function Keys

Waveform: Selects waveforms

Parameter: Configures waveform-specific parameters

Units: Specifies unit and parameter preferences

System: Configures general settings

Connectors

External Trigger / Gate / FSK / Burst Connector: Accepts manual trigger / hardware trigger to control triggering

Sync Out / Trigger Connector: Provides sync output or "trigger out" signal

Built-In Quick Help

Press and hold in any key for instant help for the selected function/feature.

1. Connect the function generator output connector to a device under test (DUT).

2. Select the waveform type by pressing the Waveform key.

3. Configure waveform parameters by using the numeric keypad, knob, and cursor arrows.

4. Turn on the modulation mode and adjust the AM Depth and AM Frequency.

5. Ensure that the polarity is set to Normal in the Channel Setup.

6. Turn on the selected channel by toggling the [On / Off] button.

KEYSIGHT EDU33210 SERIES FUNCTION GENERATOR

Operation Function Keys

Modulate: Configures modulation parameters.

Sweep: Configures frequency sweep parameters.

Burst: Configure and activate burst mode.

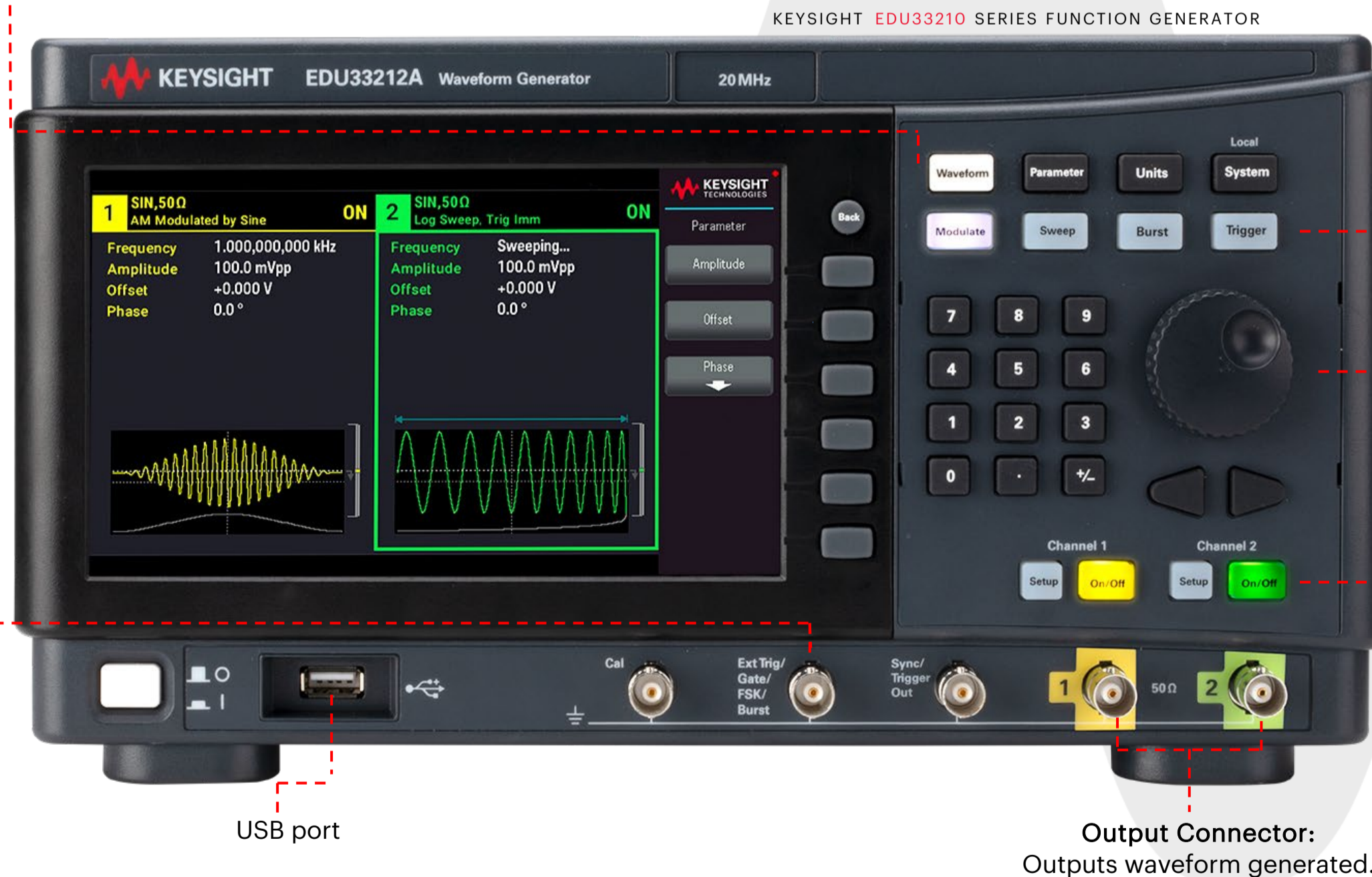**Trigger:** Configure trigger settings and sync output signal.

Numeric Keypad, Knob, Cursor Arrows

Set and configure desired parameters or settings.

Channel Setup, [On/Off] Button

Setup: Configure channel-related parameters.

[On/Off] button: Turn the channel on and off.

USB port

Output Connector: Outputs waveform generated.

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