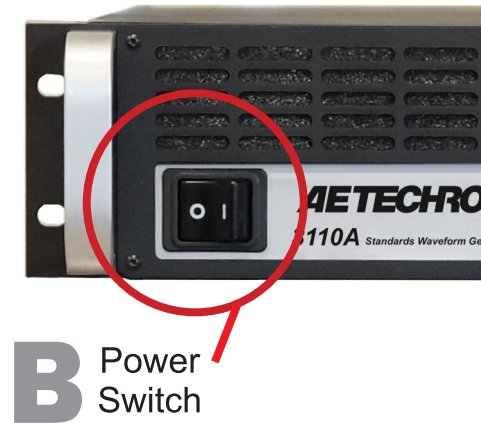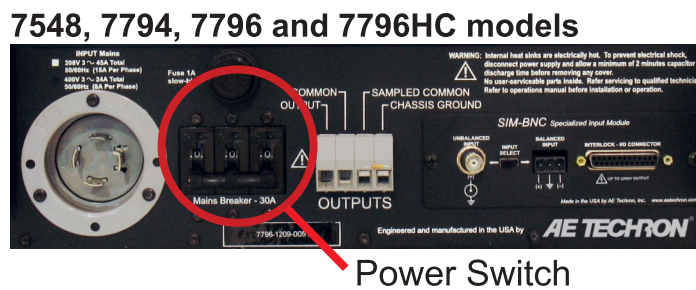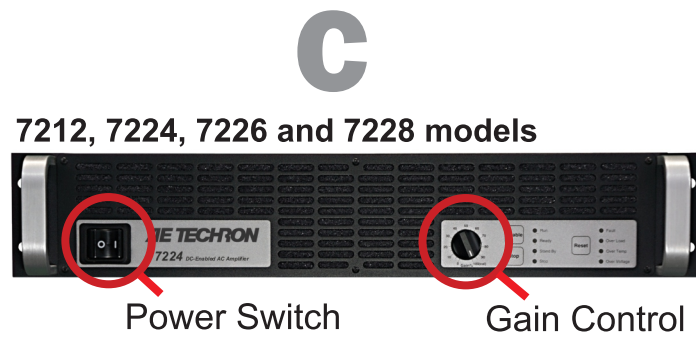# 6 STARTUP PROCEDURE

A. Use the monitor's power switch (last button on the right) to turn on the monitor.

A Power Switch

B. Depress the 3110A POWER switch to turn the 3110 ON.

B Power Switch

C. If the amplifier has a gain control, turn it fully ON (clockwise). Then turn the POWER switch ON to power up the amplifier.

C

7212, 7224, 7226 and 7228 models

Power Switch   Gain Control

7548, 7794, 7796 and 7796HC models

Power Switch

D. Wait for the 3110A to load (loading will take up to 30 seconds). Then open the on-screen Help system for help with 3110A System Calibration and Operation.

D On-screen Help

97-8003840
05-13-2019

SUPPORT

Refer to the Help files for operating and troubleshooting instructions.

OR

Contact AE Techron Tech Support at 574-295-9495.

AETECHRON

3110A
STANDARDS WAVEFORM GENERATOR

QUICK START GUIDE

www.aetechron.com

CONTROLS, CONNECTORS AND INDICATORS

DIAGNOSTICS PORT   SIGNAL OUT

AETECHRON
3110A Standards Waveform Generator

LEDS: POWER
SYSTEM FAULT
SIGNAL IN ENABLED

Front Panel

ON/OFF SWITCH

FUSE COMPARTMENT

TO NETWORK (ETHERNET)

USB TO USB HUB & MOUSE

USB TO KEYBOARD

AC POWER INPUT

DIAGNOSTICS PORT

FOR GPIO OUTPUT

FOR GPIO OUTPUT

FOR USE WITH SWG-ENABLED SIM-BNC-OPTOC CARD ONLY

HDMI OUT TO MONITOR

Back Panel
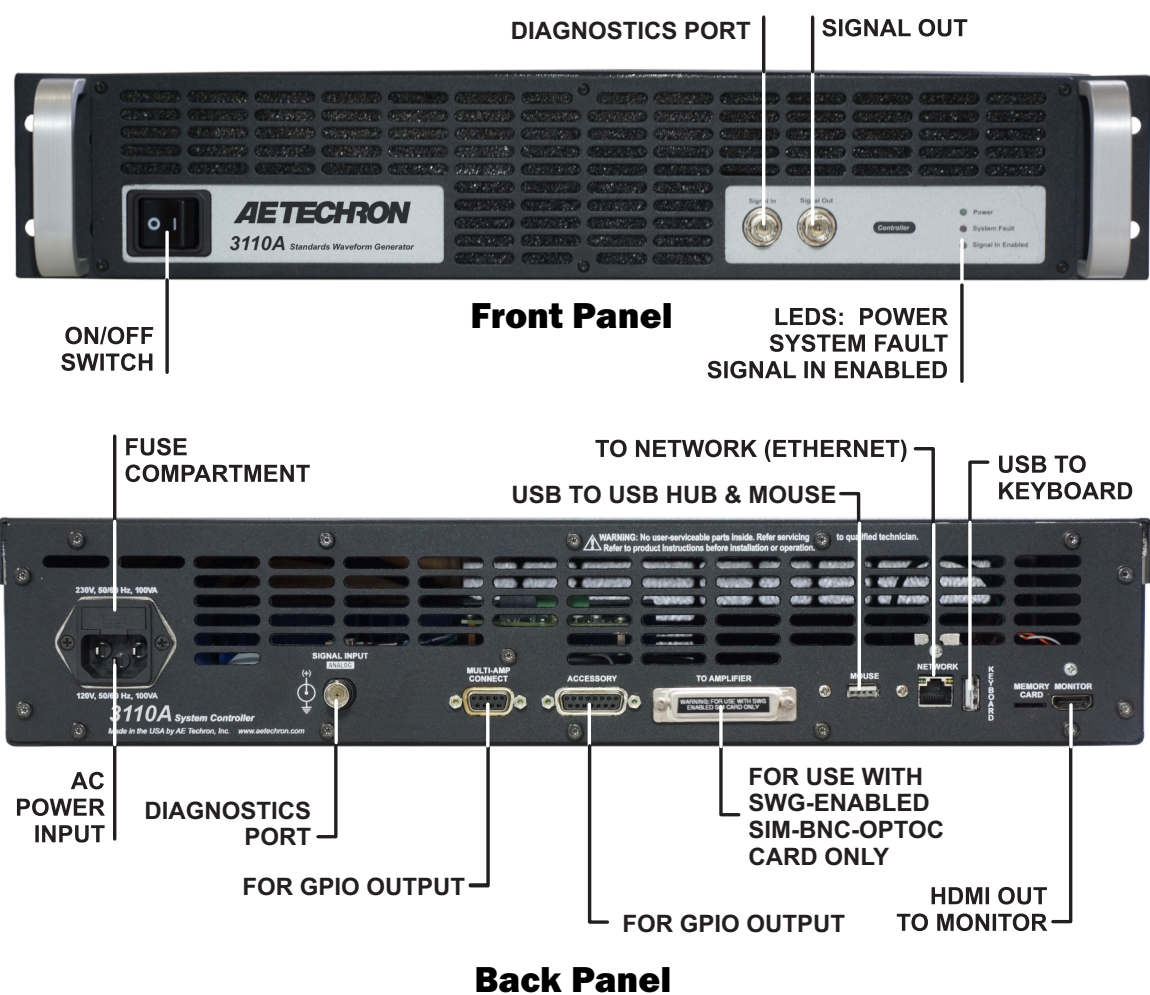
1 UNPACKING

Carefully unpack the 3110A controller and accessories from the carton and visually inspect the contents for damage. All units are tested and inspected for damage before leaving the factory, so if any damage is found, please notify the shipping company immediately. Save the shipping carton and materials as evidence of damage.

2 CHECK CONTENTS

In addition to this Quick Start Guide, the 3110A carton should contain the following:

1. 3110A controller
2. 3110A power cord
3. LCD monitor
4. Monitor power cord
5. VGA and DVI monitor cables (not used)
6. HDMI-to-DVI monitor cable
7. Ethernet cable
8. USB mouse
9. Mouse pad
10. USB keyboard
11. 6-to-1 attenuator
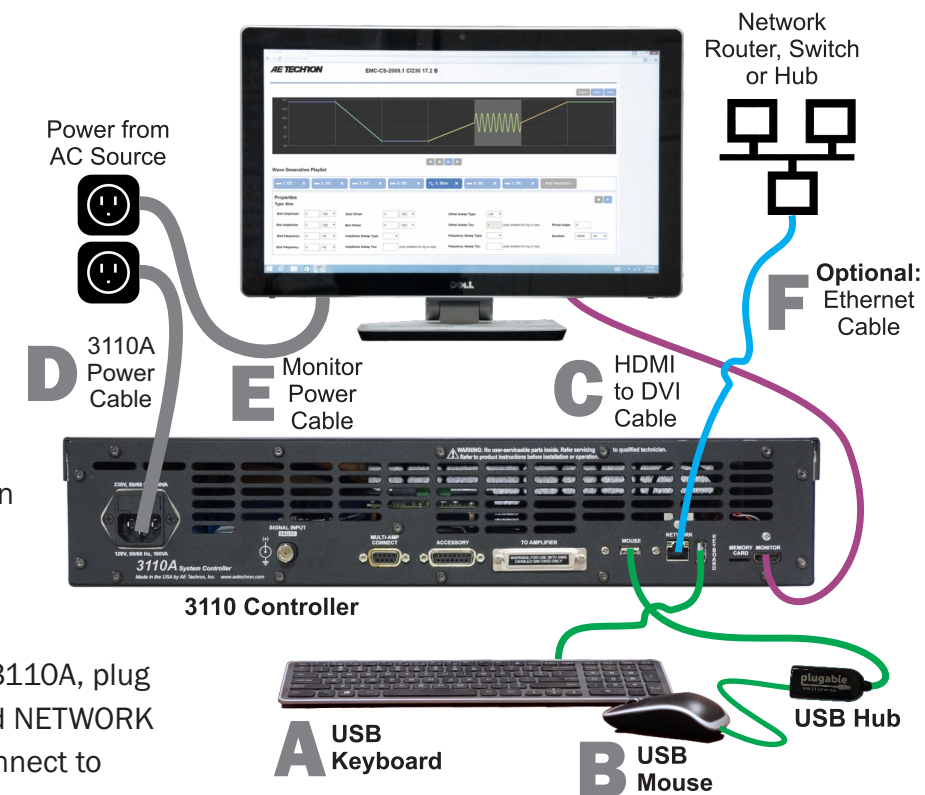12. USB drive
13. USB hub (2-port)

3 INSTALLATION/MOUNTING

The 3110A controller can be placed on a desk or bench top for convenient operation. Or you can use the rack "ears" located on each side of the front panel to mount the controller to a standard EIA rack (2U).

4 CONNECTIONS

Make the connections on the 3110A back panel as shown:

A. USB keyboard to KEYBOARD port.
B. USB mouse USB hub and USB hub to MOUSE port.
C. HDMI to DVI cable into MONITOR port on the 3110A, and then connect the cable to the DVI port on the monitor
D. 3110A power cord into 3110A, and then connect to an AC source.
E. Monitor power cord into the monitor, and then connect to an AC source.
F. **OPTIONAL:** For network access to the 3110A, plug the Ethernet cable into the port labeled NETWORK on the 3110A back panel, and then connect to your network router, switch or hub.

Network Router, Switch or Hub

Power from AC Source

D 3110A Power Cable
E Monitor Power Cable
C HDMI to DVI Cable
F Optional: Ethernet Cable

3110 Controller

A USB Keyboard
B USB Mouse
USB Hub

5 CONNECT 3110A to AMPLIFIER

Make the connections on the 3110A front panel and the amplifier back panel as shown.

A. Connect a standard BNC cable to the 3110A's front-panel Signal Out BNC connector, and then connect to the amplifier's Signal Input BNC connector.
B. Connect from amplifier output connectors to an oscilloscope, load or DUT.
C. Connect the amplifier power cable to a power source.

3110A Controller

A BNC Cable

AE Techron Amplifier

Power from AC Source

C Amp Power Cable
B Amplifier Cable (signal out to Oscilloscope, Load, or DUT)