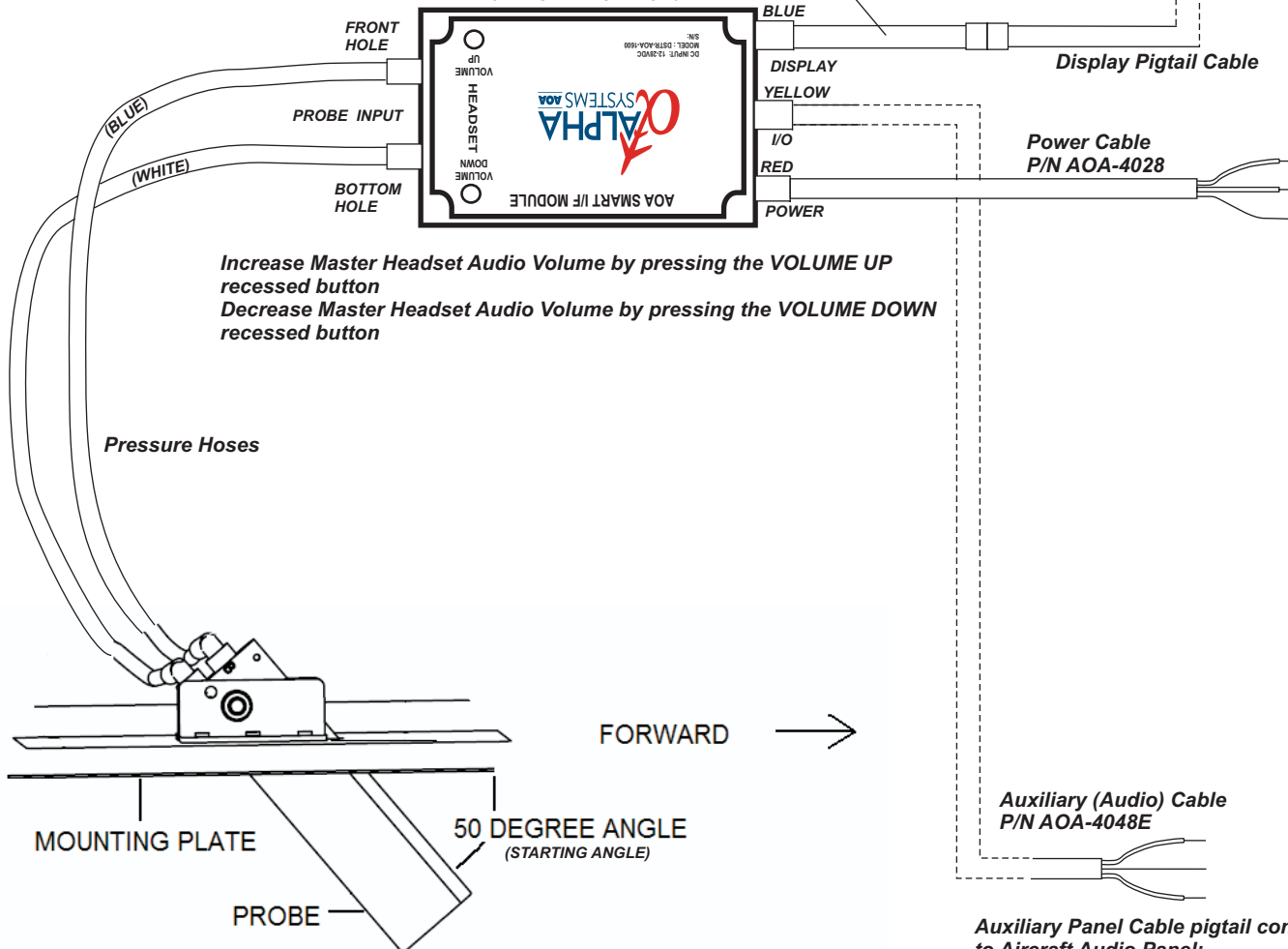


Display Cable P/N AOA-4029EXT

Smart AOA I/F Module
P/N DSTR-AOA-1875



Griffin Display, P/N DSTR-AOA-9100



Increase Master Headset Audio Volume by pressing the VOLUME UP recessed button
Decrease Master Headset Audio Volume by pressing the VOLUME DOWN recessed button

Pressure Hoses

FORWARD →

MOUNTING PLATE

50 DEGREE ANGLE
(STARTING ANGLE)

PROBE

Display Pigtail Cable

Power Cable
P/N AOA-4028

Power Cable pigtail connections

+12 to +28V DC Power Source

Power Source Ground

Metal Ground
(may or may not be present)
(If present, connect to metal surface of aircraft if Control Module is not mounted to a metal surface)

Wire Color

White

White/Blue

Drain Wire

AOA I/F Module Connector Pin Definitions		
Connector	Pin #	Definition
Power 	1 2 3	+12VDC to +28VDC Input Power Ground Metal Ground
I/O 	1 2 3 4	AP Ground AP Audio (mono) Reserved Shield
Display 	1 2 3 4 5 6 7 8 9 10	Display +5VDC Power Photo Diode I2C Clk (SCL) Ground I2C Data (SDA) Spare I/O no connect LED Drvr En no connect no connect

Auxiliary (Audio) Cable
P/N AOA-4048E

Auxiliary Panel Cable pigtail connections to Aircraft Audio Panel:

Signal	Wire Color
AP Audio (mono)	Green/White
AP Ground	Black/White
Shielding wire	

1 Volt P-P max, @ 300 ohm input impedance

ALPHA SYSTEMS SMART
AOA (DSTR-AOA-1875)
(Griffin) connection diagram

09-25-2013

REV A