Calibration Services (Service B)

Accredited calibration for AP audio analyzers

Item	Setting(s)	Lower Limit	READING	Upper Limit	MU	TUR	Result
ANALOG ANALYZER CHARACTERISTICS							
11] Input Termination Accuracy (Ω) - *note 4*							
Channel A	600 Ω	594.00	**600.25**	606.00	0.12	>10	pass
	300 Ω	297.000	**300.367**	303.000	0.060	>10	pass
Channel B	600 Ω	594.00	**600.39**	606.00	0.12	>10	pass
	300 Ω	297.000	**300.543**	303.000	0.060	>10	pass
12] Input Common Mode Rejection (dB) - *note 5*							
Channel A	2.5V range, 10 Hz	-999	**-95.3**	-80.0	5.0	na	pass
	2.5V range, 1 kHz	-999	**-94.6**	-80.0	5.0	na	pass
	2.5V range, 20 kHz	-999	**-93.0**	-80.0	5.0	na	pass
	10V range, 1kHz	-999	**-93.6**	-65.0	2.0	na	pass

Key Features

- **Accredited under ISO/IEC: 17025**
  Documented Quality System for calibration; 17025 is the highest standard for calibration services.
- **Full Service available**
  If the unit does not meet specification, we can repair or adjust it immediately. No extra time or cost shipping from the Cal lab to the Factory.
- **Dedicated audio engineers**
  Automated systems and experienced AP staff who know audio measurements

Supported models

- **All current production and conditional support analyzers are supported for Calibration:**
  - ✓ 2700 Series
  - ✓ System Two / Cascade
  - ✓ APx582/585/586
  - ✓ APx520/521/525/526
  - ✓ APx515
  - ✓ ATS-2
  - ✓ ATS-1
  - ✓ Portable One* (See Note 2)
- **Note 1:** Some accessories are not yet supported. System One is obsolete and no longer supportable.
- **Note 2:** Cal requires a GPIB interface. If a Portable One does not have GPIB and the serial number is over 30,000, GPIB can be installed for a small extra charge.

Audio Precision is accredited by A2LA under ISO/IEC: 17025 for equipment calibration at the Beaverton factory in the USA.

Calibration has been requested by many of our customers who need to use calibrated audio test instruments to meet their own quality system requirements. Calibration provides documented verification that instruments meet or exceed all of their published specifications.

AP's Calibration offering is designated **Service B** for ordering purposes. See http://www.ap.com/support/services for more detail.

Accredited calibration adds a further degree of rigor to the testing process, including a review of quality system documentation as well as an on-site assessment.

Greater confidence in measurements

All supported new instruments sold by Audio Precision will come with a Calibration Report and Certificate demonstrating the unit meets or exceeds its published specification. Supported instruments already in the field can be sent to the Beaverton factory for calibration.

Accredited by American Association for Laboratory Accreditation (A2LA) under ISO/IEC: 17025

Established in 1978 as a non-profit, public service, membership society, A2LA is dedicated to the formal recognition of competent testing and calibration laboratories, inspection bodies, proficiency testing providers and reference material producers. A2LA is a Full Member of the International Laboratory Accreditation Cooperation - ILAC, which serves as the world's principal international forum for the development of laboratory accreditation practices and the recognition of competent test facilities worldwide ISO/IEC 17025:2005 specifies the general requirements for the competence to carry out tests and/or calibrations.

ACCREDITED

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