

# Accutone2™ Architectural Enclosures

A Complete Range of Certified, High-Performance Voice-Over, Broadcasting and Post-Production Rooms & Suites



- Provides optimum acoustic space
- Modular design allows relocation if required
- Glazed doors
- Silent ventilation
- 12 standard colors available
- Proven performance





# Accutone2™ Architectural Enclosures

## **A Complete Range of Certified, High-Performance Voice-Over, Broadcasting and Post-Production Rooms & Suites**

IAC Acoustics' new range of architectural acoustic rooms are completely engineered environments with interior acoustic treatments, providing a variety of colors and finishes to complement any architectural design.

IAC Acoustics' Accutone2 Rooms & Suites consist of a range of affordable, modular rooms, enabling clients to work within a controlled and self-contained environment. These modular rooms are manufactured to isolate the room from external airborne noise, mitigate internally generated sounds and provide optional vibration isolation from structure-borne noise transmission.

Available in standard models, Accutone2 Rooms & Suites (single and double wall construction) each give guaranteed sound isolation ratings. Single wall constructed models can be configured to achieve NIC 45, 50, 53 or 60 while double wall models can reach up to NIC 70.

The prefabricated panel design makes for simple and cost effective installation giving dimensional flexibility and offering both solo and group spaces.

### **Features Include:**

- Complete assemblies are acoustically rated
- 4" thick wall panels
- Magnetic seals for doors
- Silent ventilation systems
- Laminate wood floor covering
- Integral LED lighting, integrated power outlets and light/fan switches

### **Options Include:**

- Custom room dimensions
- Non-parallel walls
- Floating/isolated floors
- Custom window sizes
- Custom acoustic treatments
- Floor finishes

# Accutone2

ANY SIZE • ANY SHAPE • ANY COLOR

## **Design Advantages**

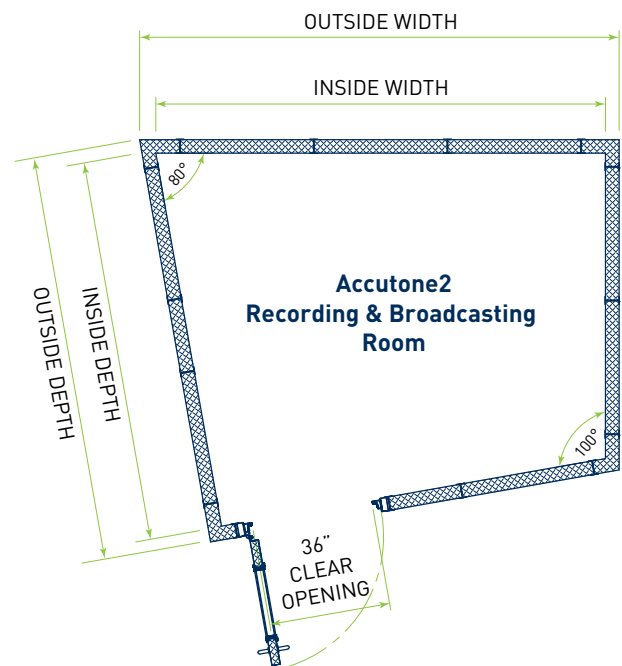
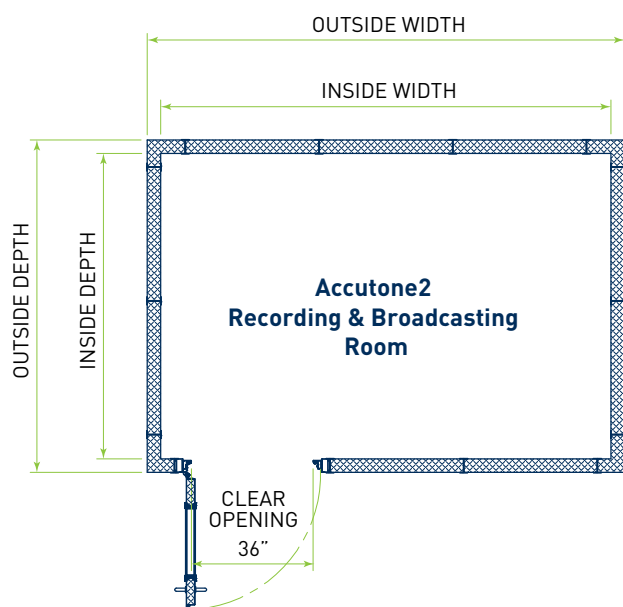
- Guaranteed sound isolation ratings
- Cleaner and faster installation
- Easily expanded or relocated
- Closure panels produce a complete built-in appearance for multi-room suites



## Room Layout

Available with both rectangular or non-parallel walls, IAC Acoustics' Accutone2 single wall rooms and suites give a noise reduction level of up to NIC 60. Constructed in a single wall configuration, this range is ideal for isolating spaces either as standalone units or as part of a suite of rooms.

The Accutone2 Rooms & Suites give various degrees of volume and space. This makes them more open and less confining than other rooms, feeling more like a performance space.





# Standard Architectural Rooms

IAC Acoustics' Accutone2 Rooms & Suites are available in a wide range of sizes and can be finished to suit individual requirements. The range of rooms available are:

- **NIC 45:** 4" single wall construction — NIC 45
- **NIC 50:** 4" single wall construction — NIC 50
- **NIC 53:** 4" single wall construction with 1" enhancement package — NIC 53
- **NIC 60:** 4" single wall with 4" enhancement package — NIC 60
- **NIC 70:** 12" wall construction (double wall constructed of [2] 4" panels with 4" air space) — NIC 70

IAC Acoustics standard rooms & suites are constructed from 4" thick Noise-Lock® panels and offer a fitting environment for control rooms, work space and isolating sound produced by instruments, vocal or playing music at higher volumes.

## Available as Standard:

- Solid acoustic walls
- Perforated acoustic ceilings
- Acoustic door (STC 51, 53, 55 or 61)
- Laminate/wood flooring
- 12 standard colors available
- Ceiling mounted four spot LED track lights
- Two double receptacle outlets
- Wall or roof mounted ventilation system
- Proven laboratory test data/certification
- Fully demountable
- Durable

## Typical Applications:

- TV Stations
- Radio Stations
- Movie Companies
- Schools
- Colleges
- Universities
- Music academies
- Youth organizations
- Hospitals/Clinics
- Medical Centers
- Laboratories



IAC Acoustics' Accutone2 Rooms & Suites can be configured to suit virtually any shape and size — allowing you to custom design your very own individual practice space.

**Optional Finishes Include:**

- Laminate flooring
- Glazed doors
- Acoustic windows
- Foam acoustic panels in a range of colors and fabrics including printing your own design
- Tuning/absorption packages



## Custom Rooms & Suites

Many projects require specialty music practice rooms to solve particular architectural and aesthetic issues. IAC Acoustics is able to design and install rooms of virtually any size and shape to solve client problems.

IAC Acoustics will take into account space limitations in order to maximize the volume of each and every room. Acoustic consultants often prefer to have room shapes that are not rectangular. Horizontally or vertically angled walls are also available as options.

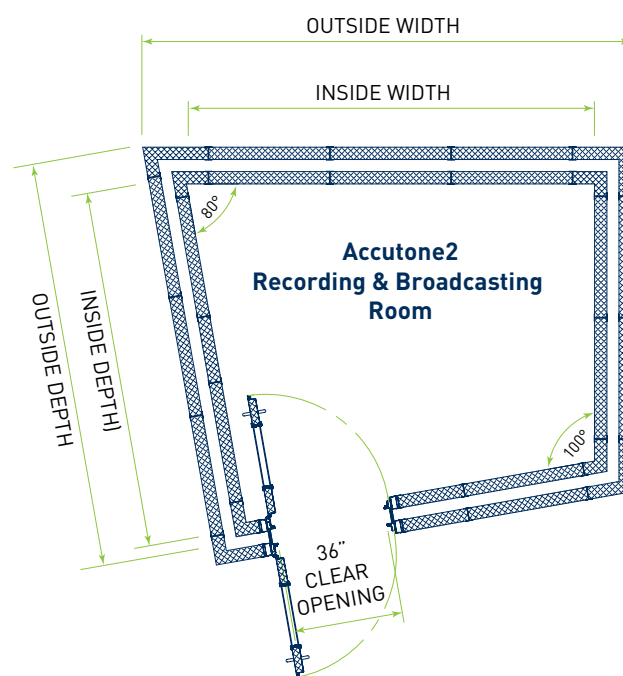
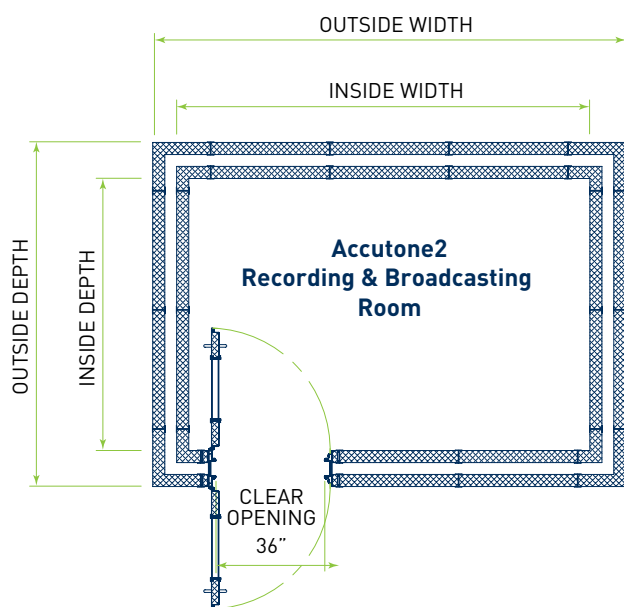
A turnkey approach is adopted on many projects where IAC Acoustics undertakes associated works which have a bearing on the acoustic performance of a facility. Where this is the case, IAC Acoustics is able to provide:

- Acoustically compatible ventilation or air conditioning system
- Complete design flexibility with freedom to order rooms of almost any size and shape
- Electrical services
- Specialty and concealed wiring for test equipment, induction loops, communication systems, etc.

# Accutone2™ NIC 70 Rooms & Suites

Available with both rectangular and non-parallel walls, IAC Acoustics' Accutone2 Rooms & Suites give a noise reduction level of NIC 70. Constructed in a double wall configuration, this range is ideal for isolating spaces either as stand-alone units or as part of a suite of rooms. Due to the double wall construction, the Accutone2 NIC 70 Rooms & Suites are ideal for isolating higher ambient noise levels.

Specification is the same as the Accutone2 single wall rooms and suites, except the construction where a double wall is used to increase sound isolation.







## Acoustic Performance

Room Model	Octave Band Center Frequency, Hz								Octave Band Center Frequency, Hz						
	125	250	500	1k	2k	4k	8k	NIC	125	250	500	1k	2k	4k	NRC
	Sound Transmission Loss, dB								Sound Absorption Coefficients						
NIC 45	23	32	42	51	53	57	55	45	0.49	0.37	0.83	0.96	0.99	1.00	0.80
NIC 50	25	37	48	55	59	60	58	50	0.49	0.37	0.83	0.96	0.99	1.00	0.80
NIC 53	28	41	50	58	59	61	62	53	0.35	0.65	1.20	1.21	1.07	0.92	1.00
NIC 60	33	49	56	65	71	74	73	60	1.12	1.12	1.10	1.01	0.89	0.76	1.05
NIC 70	47	62	83	91	99	97	91	70	0.49	0.37	0.83	0.96	0.99	1.00	0.80



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