

## ACOUSTICAL PERFORMANCE SELECTION DATA IAC ACCUTONE 2 BROADCAST SERIES

### SOUND REDUCTION FROM PRACTICE ROOM TO PRACTICE ROOM (dB):

1/1 Octave Band Ctr. Freq. (Hz)	125	250	500	1k	2k	4k	8k	NIC
Standard Broadcast Series	39	69	65	78	87	87	82	70

### SOUND REDUCTION FROM PRACTICE ROOM TO CORRIDOR (dB):

1/1 Octave Band Ctr. Freq. (Hz)	125	250	500	1k	2k	4k	8k	NIC
Standard Broadcast Series	25	37	48	55	59	60	58	50
Enhanced Broadcast Series	28	41	50	58	59	61	62	53
Broadcast 800 Series	34	53	63	72	81	80	69	60
Double Wall Broadcast Series	47	62	83	91	99	97	91	70

### NOISE-LOCK DOORS SOUND REDUCTION (dB):

1/1 Octave Band Ctr. Freq. (Hz)	125	250	500	1k	2k	4k	8k	STC
Standard Broadcast Series	26	46	50	52	52	58	50	51
Enhanced Broadcast Series	31	47	53	54	51	58	54	53
Broadcast 800 Series	41	53	60	60	62	69	64	61
Double Wall Broadcast Series	44	58	62	65	66	68	63	64

### NOISE-LOCK WINDOWS SOUND REDUCTION (dB):

1/1 Octave Band Ctr. Freq. (Hz)	125	250	500	1k	2k	4k	8k	STC
Standard Broadcast Series	28	33	49	56	58	65	60	48
Enhanced Broadcast Series	31	40	53	59	62	60	58	53
Broadcast 800 Series	39	47	52	60	68	77	70	57

## IAC PRODUCT LISTING

### Access Systems

Noise-Lock® Doors  
Noise-Lock Windows  
Noise-Lock Vision Wall  
Trackwall® NIC Series Operable Walls

### Acoustical Treatments

Noise-Lock Ceilings  
Noise-Foil™ Sound Absorption  
Varitone™ Sound Absorption  
Noishield® Soundwall Systems

### Machinery Enclosures

Moduline®  
Noishelters™ Room  
Plenums

### People Environments

Accutone™ 2 Audiology Series  
Accutone 2 Broadcast Series  
Accutone 2 Concert Series  
Accutone 2 Factory Office Series  
Accutone 2 Sentry Series  
APR™ In-Plant Offices  
Mini-Booth™

### Product Test and Special Products

Hush Houses  
Macarodyne™ Reverberation Rooms  
Metadyne™ Anechoic Rooms  
Nanotech Labs  
Noise-Lock Vaults

### Silencers Systems & HVAC

ACFI™ Silencers  
Elbow Silencers  
Clean-Flow™ Silencers  
Conic-Flow® Silencers  
D-Duct Diffusers  
Noishield Louvers  
Packless Silencers  
Power-Flow® Silencers  
Quiet-Duct® Silencers  
Quiet Vent® Silencers  
TLS-RFS Silencers

### Testing Services

Field Tests  
Laboratory Tests  
Product Tests



Making the World a Quieter Place™



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## APPLICATIONS

- Audio Recording
- Broadcast Studio
- Control Rooms
- Production Studios
- Radio Studios
- Voice Over Rooms



# ACCUTONE 2 STUDIOS



## Guaranteed Sound Isolation

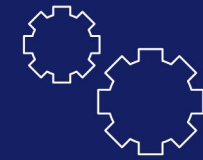
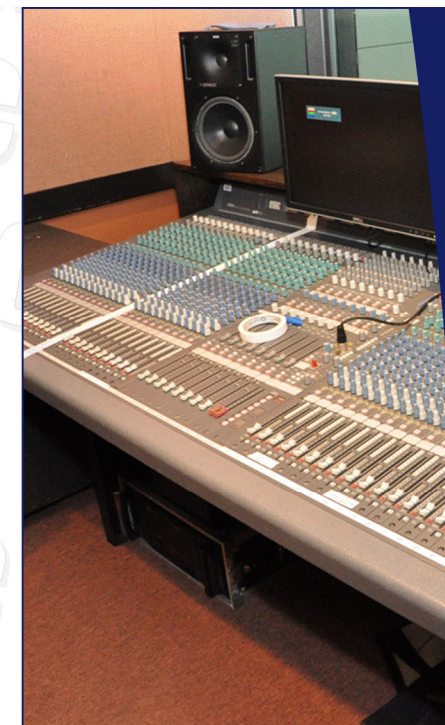
### PROVIDING AUDIO ENGINEERS A BETTER CHOICE

IAC Accutone 2 Broadcast Series Rooms are completely engineered environments with interior acoustical treatments and a variety of colors and finishes to complement any architectural design.

Available in four models, the Broadcast Series has guaranteed sound isolation ratings from NIC 50 up to NIC 70. No other sound conditioned rooms offer this level of acoustic performance.

IAC modular rooms are manufactured to isolate the room from external airborne noise, mitigate internally generated sound and provide vibration isolation from structure-borne noise transmission.

Since 1949, IAC has been a pioneer in the design and manufacturing of noise control and sound conditioning products. With the help of acousticians and architects, IAC continues to Make the World a Quieter Place.



### CUSTOM ROOM SIZES

IAC provides custom sizes and shapes to suit your needs. Wish that your studio could be 6" longer? Or how about 9" taller? It's not a problem. IAC will take into account space limitations in order to maximize the volume of each and every room.

### INDUSTRY LEADING ACOUSTICAL DOORS

- COMPLETELY ASSEMBLED BY IAC.
- FULL VISION GLASS.
- STC 51 UP TO STC 64.
- DOUBLE / TRIPLE MAGNETIC SEALS.
- CAM-LIFT HINGES.
- MINIMUM 125,000 CYCLE TESTING.
- AVAILABLE IN STANDARD OR CUSTOM WIDTHS TO OFFER ACCESS FOR LARGE INSTRUMENTS.
- CONTINUOUS GRAVITY SEAL REQUIRES NO ADJUSTMENT OR MAINTENANCE.

## flexible solutions for Professional Acoustic Needs

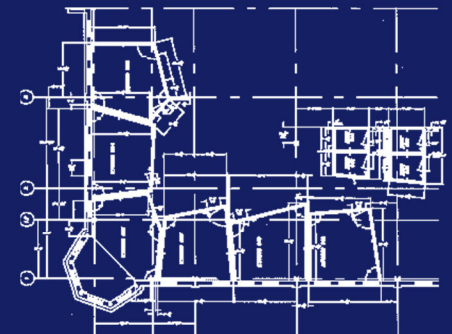
### SINGLE SOURCE RESPONSIBILITY

### IAC BROADCAST SERIES FEATURES

- ONLY A FOUR INCH AIR GAP IS NEEDED BETWEEN SURFACES TO OBTAIN THE PUBLISHED ACOUSTICAL RATINGS.
- ALL COMPONENTS ARE ACOUSTICALLY RATED.
- FOUR INCH THICK WALL AND CEILING PANELS.
- STANDARD 7' - 9" INTERIOR CEILING HEIGHT.
- MAGNETIC COMPRESSION SEALS FOR DOORS.
- AIR SUPPLY AND RETURN SILENCERS.
- CARPET FLOOR COVERING.
- INTEGRAL LIGHTING, OUTLETS AND SWITCHES.
- UL LISTED WITH THE AMERICAN MARK OF SAFETY AS A COMPLETE ASSEMBLY.
- OPTIONS FOR:
  - ANY ROOM DIMENSIONS.
  - ANY CEILING HEIGHT.
  - SPLAYED (NON-PARALLEL) WALLS.
  - FLOATING FLOORS.
  - CUSTOM WINDOW SIZES.
  - CUSTOM ACOUSTICAL TREATMENTS.
  - INCREASED SOUND ISOLATION.

### DESIGN ADVANTAGES OF IAC MODULAR STUDIOS

- GUARANTEED SOUND ISOLATION RATINGS.
- CLEANER AND FASTER INSTALLATION.
- EASILY EXPANDED OR RELOCATED.
- MODULAR ROOMS ARE CONSIDERED EQUIPMENT ALLOWING FOR QUICKER DEPRECIATION.
- CLOSURE PANELS PRODUCE A COMPLETE BUILT-IN APPEARANCE FOR MULTI-ROOM SUITES.



### CUSTOM ROOM SHAPES

Acoustical Consultants often prefer to have room shapes that are not rectangular. Walls splayed horizontally or vertically are available as options in our Broadcast Series of Modular Studios.

