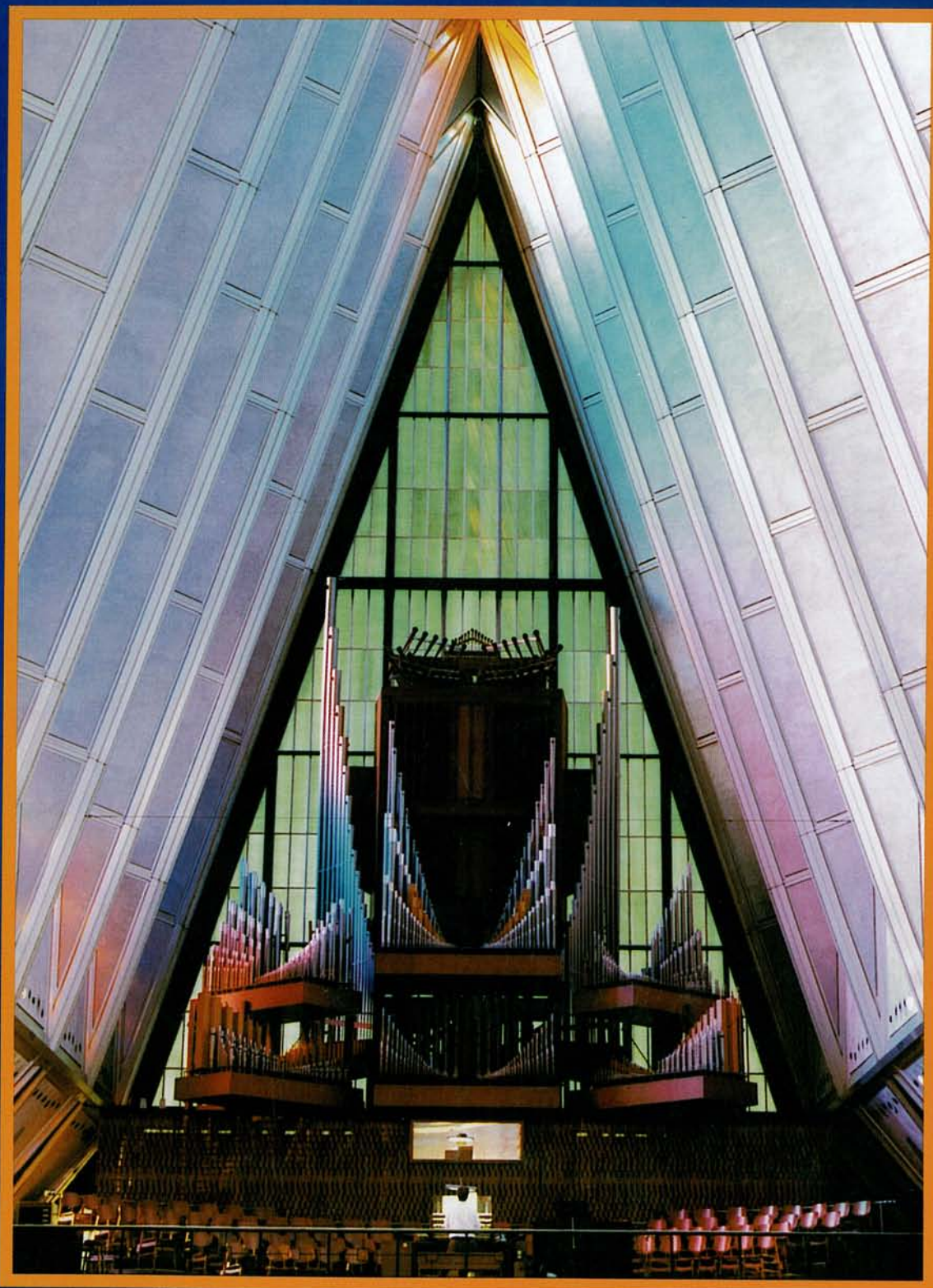


American Institute of Organbuilders

27th Annual Convention



October 8 – 11, 2000 • Colorado Springs, Colorado

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American Institute of Organbuilders 27th Annual Convention

October 8–11, 2000

The Doubletree World Arena Hotel – Colorado Springs, Colorado

2000 Convention Committee

John M. Grunow, *Chairman*

Robert Paterson, *Program*

Richard I. Morel, *Exhibits*

James E. Miller, *Treasurer*

Robert Sullivan, *Registrar*

Todd Evers, Geoffrey R. Lucas,
Norman Lane, Charles M. Ruggles, *Members at Large*

General Convention Information

Registering for the Convention

Please return the enclosed registration form and your check in U.S. Dollars (drawn on a U.S. Bank) by September 6, 2000, to receive the best registration rates. Instructions are on the registration form. This year's convention offers many interesting lectures and discussions, entertainment, and good fellowship. Special tours are available both before and after the convention—please sign up for these on the back of the form. Also, please indicate on the form if you will be using the bus transportation to and from the Saturday evening and Sunday afternoon concerts.

Registering at the Doubletree World Arena Hotel

The Doubletree was selected because of its spacious rooms and exhibit spaces, the beauty of the décor, and the reasonable room rate of \$88 per night for singles and doubles. Hotel reservations must be made by September 6 to receive the special AIO convention rate. After that date, all reservations will be subject to availability and current hotel rack rates. Reservations can easily be made directly with the hotel via the enclosed reservation card. You may also make reservations by calling the hotel directly at 719-576-8900.

Since the AIO must pay substantial penalties to the hotel if our anticipated block of rooms is not filled, it is in everyone's best interest to stay at the convention hotel.

Smoking

By Colorado Springs ordinance, smoking is not permitted in public areas of the hotel. The restaurants and bars have smoking areas. Smoking will not be allowed in the convention exhibit, registration, and coffee break areas. There are outdoor areas adjacent to our meeting and break areas which may be used for smoking.

A Word about High Elevations

The elevation at Colorado Springs is 6,000 feet above sea level and higher, depending on where you are. The elevation at the Air Force Academy Chapel is around 7,500 feet. While serious health complications can occur at these elevations, they are very rare. Mild effects, such as being more tired than usual or getting winded with exertion, are more common but rarely dangerous. Pacing yourself moderately and drinking lots of water are the best ways of fighting the effects of high elevation.

If you have a history of cardio-pulmonary problems, high elevations are generally not a problem if you observe the precautions mentioned above. However, you are encouraged to consult with your physician before finalizing your travel plans.

Meals

Continental breakfasts, lunches, and dinners, except Tuesday evening, are included in the registration fee, beginning with the Sunday evening buffet and ending with the Wednesday evening banquet. Those with restricted diets should indicate their requirements on the enclosed registration form.

Exhibits

Ample time has been allowed for you to visit the exhibits of organ industry suppliers. Exhibitors' nights have been planned on Sunday and Monday evenings. Exhibits will also be open following the Saturday night concert. The exhibits will be open for their final session during Tuesday's "free" evening at 8:00 for those who wish to return to the hotel after dinner on a Circle Tour shuttle bus.

Management

This convention has been organized in cooperation with the AIO Convention Overview Committee, Randall Dyer, Chairman. General inquiries should be directed to John Grunow (via e-mail: grunow@earthlink.net). Inquiries regarding registration should be directed to Robert Sullivan, 606 17th Street NW, Canton OH 44703 (via e-mail: AIORegistrar@aol.com).

Getting to Colorado Springs and the Doubletree World Arena Hotel

Colorado Springs is 70 miles south of Denver on Interstate 25. Air travel directly to Colorado Springs is convenient and reasonably priced. The convention hotel has a free shuttle from the Colorado Springs Airport.

Arriving by Car

From the west on I-70 toward Denver:

Take the I-470 loop south around Denver to I-25, then south on I-25 through Colorado Springs to the Circle Drive exit. After exiting, turn right at the light onto Circle Drive, then left at the next light onto Cheyenne Mountain Boulevard. After a short block, turn left into the hotel parking lot.

From the east on I-70 toward Denver:

Exit from I-70 at Limon, Colorado. Take US Highway 24 to Colorado Springs where Highway 24 becomes E. Platte Avenue. Stay on it until you reach Circle Drive, then turn left. Follow Circle Drive until you pass under I-25 and turn left at Cheyenne Mountain Boulevard. After a short block, turn left into the hotel parking lot.

From the south on I-25 toward Colorado Springs:

Exit at Circle Drive and turn left at the light onto Circle Drive. Go under the freeway and turn left on Cheyenne Mountain Boulevard. After a short block, turn left into the hotel parking lot.

Arriving by Air to Colorado Springs

Airlines serving Colorado Springs include American, America West, Continental, Delta, Mesa, Northwest, and TWA. Direct flights can be made from Atlanta, Chicago, Cincinnati, Cleveland, Dallas/Ft. Worth, Denver, Detroit, Houston, Los Angeles, Memphis, Minneapolis, Newark, New York City, Phoenix, Salt Lake City, San Francisco, and St. Louis. Upon arrival, call the Doubletree World Arena Hotel and their free shuttle will pick you up. It is a 15 or 20 minute ride to the hotel.

Arriving by Air to Denver

The new Denver airport is large, remote, and expensive. We recommend you fly into Colorado Springs. If you really must fly into Denver, there is both air and ground shuttle service available to Colorado Springs.

If you rent a car and drive from Denver, allow up to two hours for the trip from the Denver airport. Traffic can be extremely heavy at peak times and is heavy most all of the time, so be forewarned. The rental car company will tell you how to get to I-25 South. Stay on I-25 South through Colorado Springs to the Circle Drive exit. After exiting, turn right at the light onto Circle Drive, then left at the next light onto Cheyenne Mountain Boulevard. After a short block, turn left into the hotel parking lot.

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Convention Schedule at a Glance

Saturday, October 7

- 9:00 **Exam Review Session**
Exhibitors' Set Up
- Sightseeing Trip to Mining Towns**
- 12:00 Registration desk opens
Lunch on your own
- 1:30 **AIO Professional Exams**
Review Session continues
- 6:00 Registration desk closes
Dinner on your own
- 6:45 Board busses for Grace Episcopal
- 7:30 **Thomas Brown Recital**
AIO Board Meeting
- 9:00 Exhibits open
- 11:00 Exhibits close

Sunday, October 8

- 9:00 Registration desk opens
AIO Board Meeting
- AIO Committee Meetings
(as announced by committee chairs)
- 2:00 Board busses for First Christian
Registration desk closes
- 3:00 **Gillian Weir Recital**
- 6:30 Buffet Dinner – Cash bar
- 7:30 **Exhibitors' Night** – Cash bar
- 11:00 Exhibits close

Monday, October 9

- 7:00 Continental breakfast
- 8:00 Registration desk opens
- 8:30 **Official Opening - AIO Membership Meeting**

- 9:30 Coffee break
- 9:45 **Colorado Organ History - Michael Friesen**
- 10:45 Coffee break
- 11:00 **Panel Presentation: The Air Force Academy Organ**
(history, design, maintenance)
- 12:00 Buffet Lunch
Registration desk closes
- 1:00 Board busses - Air Force Academy
- 2:30 **Air Force Academy Organ Demonstration**
- 3:30 Board busses - Broadmoor Church
- 5:00 **Broadmoor Church Organ Demonstration**
- 6:30 Cocktail Hour – Cash bar
- 6:30 Buffet Dinner
- 7:30 **Exhibits Open** – Cash bar
- 11:00 Exhibits close

Tuesday, October 10

- 7:00 Continental breakfast
- 8:00 Registration desk opens
- 8:30 **Console Design from the Organist's View - Gillian Weir**
- 9:00 Spouses' Tour
- 10:00 Coffee break
- 10:30 **Centrifugal Blower Design - Hans-Erich Laukhuff**
- 12:00 Buffet lunch
- 1:30 **CADD, CAM, and the CNC Router - Peter Duys**
- 3:00 Coffee break
- 3:30 **Basic Structural Engineering - John Seest**
- 5:30 **Evening on your own**
- 6:00 APOBA dinner meeting
- 8:00 **Exhibits Open** (final session)
- 11:00 Exhibits close

Wednesday, October 11

- 7:00 Continental breakfast
Exhibitors' tear-down
- 8:00 Registration desk opens
- 8:30 **AIO Membership Meeting**
- 10:00 Coffee break
- 10:30 **Voicing/Acoustics Panel Discussion**
- 12:00 Buffet Lunch
Registration desk closes
- 1:30 **Teaching Organists about the Organ - Susan Tattershall**
- 2:45 Coffee break
- 3:00 **Table Talk Seminars**
(six 20-minute sessions)
- 5:00 Free time
- 6:30 Cocktail Hour
- 7:30 **Banquet and Awards**

Thursday, October 12

- Post-Convention Tours
(pre-registration required - select one)
- 9:00 **Denver Organs**
(returns at 7:00 p.m.)
- Rocky Mountain Sightseeing Trip**
(returns at 5:00 p.m.)



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Saturday, October 7

9:00 a.m. - 12:00 EXAMINATION REVIEW SESSION
Cripple Creek Room

9:00 - 5:00 SIGHTSEEING TRIP
*Mining towns of Cripple Creek and Victor
with a ride on the narrow gauge railroad*

EXHIBITORS' SET UP
Park, Pueblo, and Teller Rooms

12:00 - 1:30 p.m. REGISTRATION DESK OPENS

LUNCH ON YOUR OWN

1:30 - 5:30 EXAMINATION REVIEW SESSION CONTINUES
Cripple Creek Room

PROFESSIONAL EXAMINATIONS
Cherry Creek Room

EXHIBITORS' SET UP
Park, Pueblo, and Teller Rooms

5:30 DINNER ON YOUR OWN
*Maps of Colorado Springs restaurants and night spots
available at the hotel desk, or dine at the hotel*

6:00 REGISTRATION DESK CLOSES

6:45 BOARD BUSES FOR GRACE EPISCOPAL CHURCH

7:30 RECITAL
Grace Episcopal Church
Thomas Brown, Organist - Welte Organ

AIO BOARD of DIRECTORS MEETING
Cripple Creek Room

8:45 BOARD BUSES FOR RETURN TO HOTEL

9:00 - 11:00 EXHIBITS OPEN

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Sunday, October 8

9:00 a.m. REGISTRATION DESK OPENS

AIO BOARD of DIRECTORS MEETING
Cripple Creek Room

AIO COMMITTEE MEETINGS (as announced by committee chairs)

2:00 p.m. BOARD BUSES TO FIRST CHRISTIAN CHURCH
REGISTRATION DESK CLOSES

3:00 RECITAL (Reception at the church following program)
First Christian Church
Dame Gillian Weir, organist
Letourneau organ

5:30 BOARD BUSES FOR RETURN TO HOTEL

6:30 BUFFET DINNER (Cash Bar)
Fremont, El Paso, and Douglas Rooms
Italian buffet dinner featuring Chicken Fettuccini Alfredo and Meat Lasagna

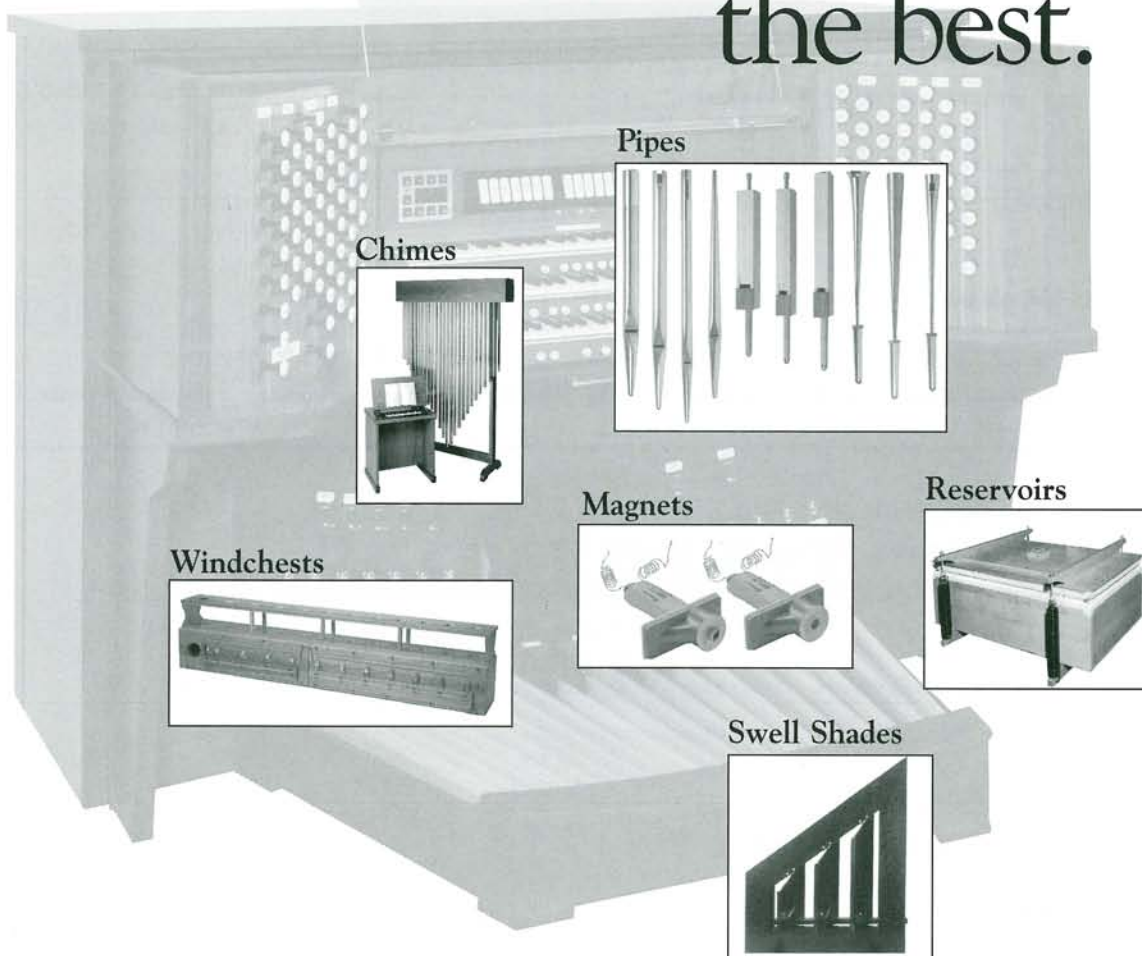
7:30 - 11:00 EXHIBITORS' "SPOTLIGHT SOIREE" (Cash Bar)
Park, Pueblo, and Teller Rooms

11:00 EXHIBITS CLOSE

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Monday, October 9

- 7:00 a.m. - 9:00 CONTINENTAL BREAKFAST - Registration Area
- 8:00 REGISTRATION DESK OPENS
- 8:30 - 9:30 OFFICIAL OPENING and AIO ANNUAL MEMBERSHIP MEETING, Part I
Lecture Hall (*members and non-members are encouraged to attend*)
- 9:30 COFFEE BREAK
- 9:45 - 10:45 LECTURE - *A History of Colorado Organbuilding*
Michael Friesen
- 10:45 COFFEE BREAK
- 11:00 - 12:00 PANEL PRESENTATION - *Making Pipes Fly: The Air Force Academy Chapel Organ*
Getting It off the Ground (Its History) — Michael Friesen
Keeping It in the Air (Its Structure) — John Seest
Maintaining Speed (Its Maintenance) — John Grunow
- 12:00 - 1:00 p.m. BUFFET LUNCH - Colorado Springs Rooms (Registration desk closes)
- 1:00 BOARD BUSES FOR AIR FORCE ACADEMY
- 2:30 ORGAN DEMONSTRATION
United States Air Force Academy Protestant Cadet Chapel
Dr. Joseph Galema, USAFA, Director of Music - M.P. Möller organ
- 3:30 BOARD BUSES FOR BROADMOOR CHURCH
- 5:00 ORGAN DEMONSTRATION
Broadmoor Community Church (UCC), Thomas Brown, organist - Casavant/Wilson organ
- 6:00 BOARD BUSES FOR RETURN TO HOTEL
- 6:30 - 7:30 COCKTAILS AND TEX-MEX BUFFET DINNER (Cash Bar)
- 7:30 - 11:00 EXHIBITS OPEN (Cash Bar) - Park, Pueblo, and Teller Rooms
- 11:00 EXHIBITS CLOSE



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John Ruskin (1819-1900)
British writer art critic,
“Modern Painters”



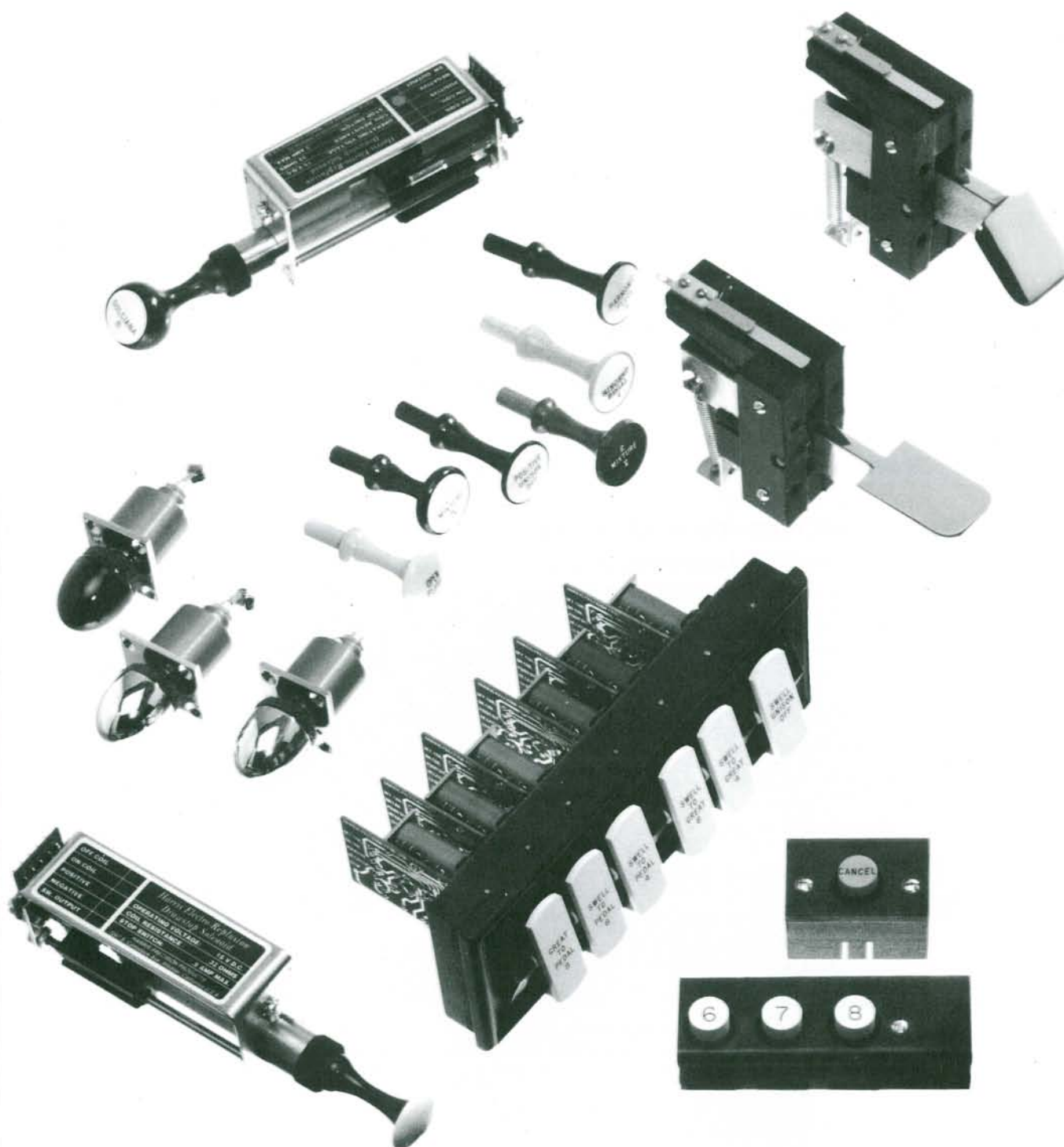
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Tuesday, October 10

- 7:00 a.m. - 9:00 CONTINENTAL BREAKFAST
Registration Area
- 8:00 REGISTRATION DESK OPENS
- 8:30 - 10:00 LECTURE - *Console Design from the Concert Organist's View*
Dame Gillian Weir
*Dame Gillian Weir will also share with us a remembrance
of her late husband, Lawrence Phelps.*
- 9:00 SPOUSES' TOUR (Pre-registration required – see registration form)
*Board bus at hotel entrance for the Olympic Training Center,
Van Briggie Art Pottery Workshop, lunch on your own,
and shopping in Old Colorado City. Return to the hotel at 4:00 p.m.*
- 10:00 COFFEE BREAK (Registration desk closes)
- 10:30 - 12:00 LECTURE - *The Design and Manufacture of the Centrifugal Organ Blower*
Hans-Erich Laukhuff
- 12:00 - 1:30 p.m. BUFFET LUNCH
Cheyenne Mountain Buffet featuring Baked Fish and Chicken Chasseur
- 1:30 - 3:00 LECTURE - *CADD, CAM, and the CNC Router*
Peter Duys
- 3:00 COFFEE BREAK
- 3:30 - 5:00 LECTURE - *Basic Structural Engineering for Pipe Organs*
John Seest
- 5:30 EVENING ON YOUR OWN
BUSSES BEGIN BOARDING FOR DOWNTOWN CIRCLE TOUR
*Downtown organs open for inspection - see Circle Tour map
Dinner on your own - see Circle Tour map for downtown restaurants
Exhibits at the hotel open at 8:00 p.m.*
- 6:00 APOBA Dinner Meeting
- 8:00 - 11:00 EXHIBITS OPEN - FINAL SESSION (Cash Bar)
- 10:00 FINAL BUS RETURNS TO HOTEL

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Wednesday, October 11

- 7:00 a.m. - 9:00 CONTINENTAL BREAKFAST
Registration Area
- 7:00 - 12:00 EXHIBITORS' TEAR-DOWN
- 8:00 REGISTRATION DESK OPENS
- 8:30 - 10:00 AIO ANNUAL MEMBERSHIP MEETING, Part II
Lecture Hall (*members and non-members are encouraged to attend*)
- 10:00 COFFEE BREAK
- 10:30 - 12:00 PANEL DISCUSSION - *Voicing and Acoustics*
Broome, Mayse, Lane, Létourneau, and Fleischer
- 12:00 - 1:30 p.m. BUFFET LUNCH (Registration Desk closes)
Salads, Deli Meats, Cheeses, Breads
- 1:30 - 2:45 LECTURE - *Teaching Organists about the Organ*
Susan Tattershall
- 2:45 COFFEE BREAK
- 3:00 - 5:00 TABLE TALKS (rotate among these 20-minute seminars):
Woodworking Joints - Todd Evers
Setting a Temperament - Stephen Leslie
Moving Organs with Air Cushions - Charles Hendrickson
Government Contracts - John Grunow and Irv Lawless
Pipe Cleaning - Rick Morel
*Test Your Own Pipes at 6,000 Feet** - Charles Ruggles
*Bring pipes no longer than 2 feet, voiced on 3" (76mm) pressure, and discover what they sound like on the same pressure at a high elevation. Chest toehole will be 9mm. Handouts and a discussion of compensating formulas will follow.
- 5:00 - 6:30 FREE TIME
- 6:30 - 7:30 COCKTAILS AND HORS D'OEUVRES
Registration Area
- 7:30 BANQUET AND AWARDS



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Thursday, October 12

Choose from one of two optional tours described below. Pre-Registration is required—mark the appropriate box on the back of your convention registration form.

BREAKFAST – on your own at the hotel

9:00 BOARD BUS FOR A TOUR OF DENVER ORGANS -

*Trinity United Methodist Church - 1888 Roosevelt, IV/83
(Lunch at Trinity)*

St. John's Episcopal Cathedral - 1938 Kimball, IV/100

Immaculate Conception Cathedral - 1912 Kimball/1996 Morel, III/46

Cocktails and hors d'oeuvres while visiting the Belshaw residence Wurlitzer

Bus returns to Doubletree Hotel at 7:00 p.m.

9:00 BOARD BUS FOR A ROCKY MOUNTAIN SIGHTSEEING TRIP -

Garden of the Gods and Visitor's Center

Lunch at the newly restored Cliff House in Manitou Springs

Cog railway ride to Pike's Peak

Bus returns to Doubletree Hotel at 5:00 p.m.



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| 16' Bourdon | 2½' Twelfth |
| 8' First Open Diapason | 2' Fifteenth |
| 8' Second Open Diapason | Fourniture V |
| 8' Third Open Diapason | 16' Double Trumpet |
| (ext. of 16') | 8' Tromba |
| 8' Harmonic Flute | 8' Trumpet (ext) |
| 8' Bourdon (ext.) | 4' Clarion (ext) |
| 8' Gemshorn | Chimes (Ch.) |
| 4' Octave | Harp (Ch.) |
| 4' Principal (ext. of 16') | |
| 4' Harmonic Flute (independent) | |

CHOIR

- 16' Contra Dulciana
- 8' English Diapason
- 8' Concert Flute
- 8' Rohr Flute
- 8' Viola (ext)
- 8' Dulciana (independent)
- 8' Unda Maris
- 4' Suabe Flute
- 4' Lieblich Flute (ext. Rohr Fl.)
- 4' Octave Viola (ext)
- 2½' Nazard (ext. of Rohr Fl.)
- 2' Flageolet (ext. of Rohr Fl.)
- 2' Violette (ext)
- 8' Trompette
- 8' Clarinet
- Tremolo
- Chimes
- Harp
- Celesta

SWELL

- 16' Lieblich Gedeckt
- 16' Solo String (Solo)
- 8' Horn Diapason
- 8' Clarabella
- 8' Stopped Flute (ext)
- 8' Solo String (Solo)
- 8' Salicional
- 8' Voix Celeste
- 8' Aeoline
- 4' Geigen Principal
- 4' Flute d'Amour (ext)
- 2½' Twelfth
- 2' Fifteenth
- 1¾' Seventeenth
- Mixture IV
- 16' Contra Fagotto
- 8' Trumpet Harmonic
- 8' Cornopean (ext)
- 8' Oboe
- 8' Vox Humana
- 4' Clarion (ext)
- Tremolo
- Vox Humana Tremolo

SOLO

- 16' Contra Viol
- 8' Hohl Flute
- 8' Cello (ext)
- 8' Viole Celeste
- 4' Flute Triangulaire
- 4' Octave Viol (independent)
- 2' Piccolo
- 8' Tuba Mirabilis
- 8' Cor Anglais
- 8' Orchestral Oboe
- 8' French Horn
- Tremolo
- Chimes (Ch.)
- Harp (Ch.)

PEDAL

- 32' Sub Bourdon
- (ext. of Open Diapason)
- 16' Open Diapason (wood)
- 16' Open Diapason (Gt.)
- 16' Bourdon
- 16' Lieblich Gedeckt (Sw.)
- 16' Contra Viol (Solo)
- 16' Contra Dulciana (Ch.)
- 10¾' Quint (ext. of Bourdon)
- 8' Octave (ext)
- 8' Open Diapason (Gt.)
- 8' Flute (ext)
- 8' Gedeckt (Gt.)
- 8' Cello (Solo)
- 8' Viola (Ch.)
- 5½' Twelfth (ext. of Bourdon)
- 4' Fifteenth (Gt.)
- 4' Flute (ext)
- 16' Trombone (ext. of Solo Tuba)
- 16' Double Trumpet (Gt.)
- 16' Contra Fagotto (Sw.)
- 8' Trumpet (Gt.)
- 4' Clarion (Gt.)
- Chimes (Ch.)

56 ranks
Electro-pneumatic action

First Christian Church, Colorado Springs

Orgues Létourneau Ltée., 1995

- GREAT**
16' Bourdon
8' Principal
8' Chimney Flute
4' Octave
4' Nason Flute
2½' Twelfth
2' Principal
Cornet V (*tenor f*)
Mixture IV
8' Trumpet
- SWELL**
8' Bourdon
8' Salicional
8' Voix celeste (*tenor c*)
4' Principal
4' Koppel Flute
2½' Nazard
2' Blockflöte
1½' Tierce
Sharp Mixture IV
16' Bassoon
8' Oboe
4' Clarion
Tremulant
- POSITIV** (*unenclosed*)
8' Gedeckt
4' Octave
4' Flute
2' Flachflöte
1½' Larigot
Mixture III
8' Cromorne
Tremulant
- PEDAL**
16' Principal
16' Subbass
8' Octave
8' Bourdon (*ext*)
4' Choralbass
Mixture III
16' Posaune
8' Trumpet
4' Schalmey



51 ranks
Mechanical key action
Electric stop action
32-level combination action (Peterson)

United States Air Force Academy Protestant Cadet Chapel, Colorado Springs

M. P. Möller, Inc., 1962, designed by Walter Holtkamp, Sr.



GREAT	SWELL	POSITIV (<i>unenclosed</i>)	TROMPETAS
16' Quintadena	16' Lieblich Gedeckt	8' Copula	16' Trompeta
8' Principal	8' Principal	8' Gemshorn	8' Trompeta (<i>ext</i>)
8' Flute	8' Chimney Flute	4' Principal	4' Trompeta (<i>ext</i>)
8' Gedeckt	8' Gambe	4' Rohrflöte	
8' Quintflöte	8' Voix Celeste	2 2/3' Nazard	PEDAL
4' Octave	8' Flauto Dolce	2' Octava	16' Principal
4' Spitzflöte	8' Flauto Dolce Celeste	2' Blockflöte	16' Subbass
2 2/3' Quinte	4' Octave Geigen	1 3/5' Tierce	16' Quintadena (<i>Gt.</i>)
2' Super Octave	4' Bourdon	1' Piccolo	16' Lieblich Gedeckt (<i>Sw.</i>)
2' Wald Flöte	2' Doublette	Fourniture III	8' Gross Octave
Mixture V	1 1/3' Quinte	Cymbal II	8' Octave
Scharf III	Plein Jeu IV	16' Rankett	8' Gedeckt
16' Fagott	16' Dulzian	8' Cromorne	5 1/3' Quint
8' Trumpet	8' Trumpet	MIDI	4' Choralbass
4' Clarion	8' Oboe		4' Nachthorn (<i>capped</i>)
MIDI	4' Rohr Shalmey		2' Rohrgedeckt
	Tremolo		Mixture III
	MIDI		Mixture V
			32' Cornet
			32' Bombarde
			16' Posaune
			16' Fagott (<i>Gt.</i>)
			16' Dulzian (<i>Sw.</i>)
			8' Trumpet
			4' Schalmei
			MIDI

3 manuals, 83 ranks

Trompetas available on Great, Positiv, and Pedal by means of thumb pistons

Electro-pneumatic action

Combination action with 99-level memory (Peterson)

Broadmoor Community Church (UCC), Colorado Springs

1962 Casavant, 1974 Casavant/Layton, 1998 Wilson

GREAT

- 16' Bourdon
- 8' Principal
- 8' Flûte harmonique (*prep.*)
- 8' Gedackt
- 4' Octave
- 4' Koppelflöte
- 2½' Quint
- 2' Prinzipal
- 1½' Terz
- Mixture IV
- 8' Trompete
- 4' Klarine
- MIDI

SWELL

- 8' Rohrflöte
- 8' Viola da Gamba
- 8' Voix celeste
- 4' Principal
- 4' Spitzflöte
- 2½' Nasat
- 2' Blockflöte
- 1½' Tierce
- Plein Jeu IV
- 16' Fagott
- 8' Trompette
- 8' Oboe (*ext.*)
- 4' Clairon (*ext.*)
- Tremulant
- MIDI

POSITIVE (*enclosed*)

- 8' Holzgedeckt
- 8' Gemshorn
- 8' Gemshorn Celeste
- 4' Prinzipal
- 4' Spillflöte
- 2' Prestant
- 1½' Quinflöte
- 1' Kleinprinzipal
- Cymbal III
- 8' Cromorne
- 4' Krummregal (*prep.*)
- Tremulant
- MIDI



PEDAL

- 32' Resultant
- 16' Prinzipal (*12-note electronic ext.*)
- 16' Subbass
- 16' Bourdon (*Gt.*)
- 8' Prinzipal
- 8' Gedacktfloete
- 8' Bourdon (*Gt.*)
- 4' Choralbass
- 4' Nachthorn
- III Mixture
- 16' Posaune (*ext., prep.*)
- 16' Fagott (*Sw.*)
- 8' Trompete
- 8' Oboe (*Sw.*)
- 4' Schalmey
- MIDI

50 ranks

Electro-pneumatic action

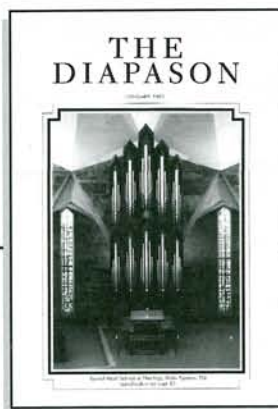
Combination action with 99-level memory (Rickman)

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Shove Memorial Chapel The Colorado College, Colorado Springs

Welte-Tripp, 1931

GREAT (*enclosed)

- 16' Double Diapason
- 8' First Open Diapason
- 8' Second Open Diapason*
- 8' Hohl Flute*
- 8' Gemshorn*
- 4' Principal
- 4' Harmonic Flute*
- 2½' Twelfth*
- 2' Fifteenth*
- Mixture III*
- 8' Tuba*
- Tremolo
- Chimes (Ch.)
- Harp (Ch.)

SWELL

- 16' Lieblich Gedeckt
- 8' Horn Diapason
- 8' Clarabella
- 8' Cor de Nuit
- 8' Viole Dolce
- 8' Salicional
- 8' Vox Celeste
- 4' Octave Geigen
- 4' Traverse Flute
- 2½' Nazard
- 2' Super Octave
- 2' Flageolet
- Mixture IV (draws 2')
- 16' Double Trumpet
- 8' Harmonic Trumpet
- 8' Oboe
- 8' Vox Humana (add'l encl.)
- 4' Harmonic Clarion
- Tremolo
- Vox Humana Vibrato
- Harp (Ch.)
- Celesta (Ch.)

CHOIR

- 16' Contra Dulciana
- 8' Geigen Principal
- 8' Concert Flute
- 8' Dulciana (ext.)
- 8' Unda Maris
- 4' Suabe Flute
- 2½' Rohr Nasat
- 2' Piccolo
- 8' Tuba (Gt.)
- 8' Cor Anglais
- 8' Clarinet
- Tremolo
- Harp
- Celesta

PEDAL

- 16' Open Diapason
- 16' Double Diapason (Gt.)
- 16' Bourdon
- 16' Lieblich Gedeckt (Sw.)
- 16' Contra Dulciana (Ch.)
- 10½' Quint (Gt. Double Dia.)
- 8' Octave (Gt. Double Dia.)
- 8' Stopped Flute (ext)
- 4' Fifteenth (Gt. Double Dia.)
- 16' Trombone
- 16' Double Trumpet (Sw.)
- 8' Tromba (ext)
- 4' Tromba Clarion (ext)
- Chimes



Photo: William T. Van Pelt

45 ranks

Electro-pneumatic action

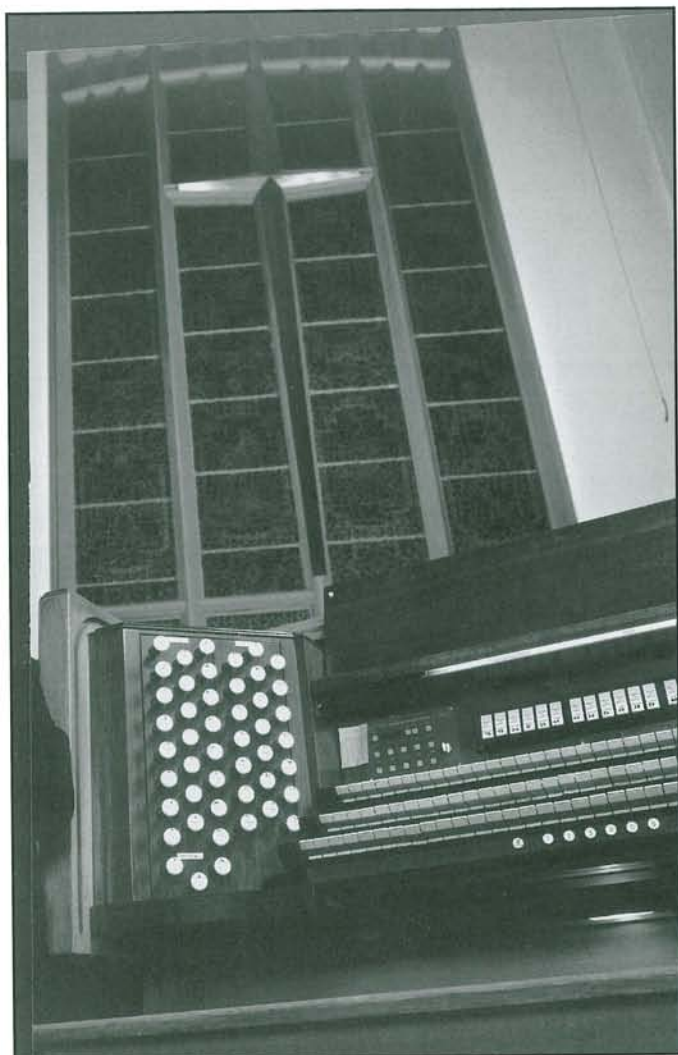
Console by Morel & Associates installed in January, 2000

Peterson switching and combination action with 99-level memory

Convention Organs

First Presbyterian Church, Colorado Springs

Reuter Organ Company, 1959



GREAT

- 16' Sub Principal
- 8' Principal
- 8' Hohlflöte
- 8' Solo Flute (*Ch.*)
- 4' Octave
- 4' Koppelflöte
- 2 2/3' Twelfth
- 2' Super Octave
- Fourniture IV
- 8' Trumpet (*tenor c*)

SWELL

- 16' Spitzflöte
- 8' Geigenprincipal
- 8' Rohrflöte
- 8' Viole de Gambe
- 8' Viole Celeste (*low G*)
- 8' Spitzflöte (*ext*)
- 8' Flute Celeste (*low G*)
- 4' Principal
- 4' Flute Harmonic
- 4' Spitzflöte (*ext*)
- 2 2/3' Spitzquinte (*ext*)
- 2' Spitzflöte (*ext*)
- Plein Jeu III
- 16' Basset
- 8' Trompette
- 8' Basset (*ext*)
- 4' Hautbois

CHOIR

- 8' Solo Flute
- 8' Gedeckt
- 8' Dolcan
- 8' Dolcan Celeste (*low G*)
- 4' Fugara
- 4' Nachthorn
- 2 2/3' Nazard
- 2' Blockflöte
- 1 3/8' Tierce
- 1' Sifflöte
- Cymbale III
- 8' Fagotto
- 4' Schalmey
- 8' Trumpet (*tenor c*)
- 4' Clarion (*ext*)
- Chimes

PEDAL

- 32' Acoustic Bourdon
- 16' Principal
- 16' Bourdon
- 16' Sub Principal (*Gt.*)
- 16' Gedeckt
- 16' Spitzflöte (*Sw.*)
- 10 2/3' Gedecktquinte (*Ch.*)
- 8' Octave
- 8' Bourdon (*ext*)
- 8' Sub Principal (*Gt.*)
- 8' Gedeckt (*Ch.*)
- 8' Spitzflöte (*Sw.*)
- 5 1/3' Spitzquinte (*Sw.*)
- 4' Super Octave (*ext*)
- 4' Bourdon (*ext*)
- 2' Solo Flute (*Ch.*)
- III Mixture
- 16' Bombarde
- 16' Basset (*Sw.*)
- 8' Bombarde (*ext*)
- 8' Basset (*Sw.*)
- 4' Bombarde (*ext*)
- Chimes

48 ranks
Electro-pneumatic action

First United Methodist Church, Colorado Springs

Reuter Organ Company, 1986

GREAT

- 16' Violone (*ext*)
- 8' Principal
- 8' Bourdon
- 8' Violone
- 8' Flute Ouverte (*Ch.*)
- 4' Octave
- 4' Nachthorn
- 4' Gedeckt
- 2' Fifteenth
- 2' Flachflöte
- 1 1/3' Fourniture IV
- 1/2' Scharf III
- 16' Fagotto
- 8' Trompette
- 8' Trompette en Chamade
- Chimes

SWELL

- 16' Viole de Gambe (*ext*)
- 16' Lieblich Gedeckt (*ext*)
- 8' Geigen Principal
- 8' Rohrflöte
- 8' Lieblich Gedeckt
- 8' Viole de Gambe
- 8' Viole Celeste
- 8' Flute Dolce
- 8' Flute Celeste
- 4' Principal
- 4' Hohlflöte
- 2 3/8' Nasard
- 2' Blockflöte
- 1 3/8' Tierce
- Plein Jeu IV
- 16' Bassethorn (*ext*)
- 8' Trompette
- 8' Hautbois
- 8' Bassethorn
- 8' Vox Humana
- 4' Trompette (*ext*)
- Chimes
- Tremolo

CHOIR

- 8' Klein Principal
- 8' Flute Ouverte
- 8' Hohlflöte
- 8' Dulcan
- 8' Dulcan Celeste
- 4' Koppelflöte
- 4' Dulciana
- 4' Unda Maris
- 2' Spitzflöte
- 2' Mixture III
- 8' Cor Anglais
- 8' Cromorne
- Tremolo

POSITIVE

- 8' Copula
- 8' Spitzflöte
- 4' Principal
- 4' Spillflöte
- 2' Principal
- 1 1/2' Quinte
- 2 3/8' Sesquialtera II
- 1' Siffelöte
- Mixture IV
- 8' Krummhorn
- 8' Trompette en Chamade (*Gt.*)
- 4' Trompette en Chamade (*Gt.*)
- Cymbelstern
- Tremolo

PEDAL

- 32' Subbass (12 notes, *electronic*)
- 32' Violone (12 notes, *electronic*)
- 32' Resultant
- 16' Diapason
- 16' Principal
- 16' Bourdon
- 16' Klein Principal (*Ch.*)
- 16' Violone (*Gt.*)
- 16' Viole de Gambe (*Sw.*)
- 16' Lieblich Gedeckt (*Sw.*)
- 16' Flute Dolce (*Sw.*)
- 8' Octave
- 8' Offenbass
- 8' Bourdon (*ext*)
- 8' Violone (*Gt.*)
- 8' Lieblich Gedackt (*Sw.*)
- 4' Choralbass
- 4' Bourdon (*ext*)
- 4' Lieblich Gedeckt (*Sw.*)
- 2' Flute Ouverte (*Ch.*)
- Mixture IV
- 32' Grand Cornet VI
- 32' Posaune (*ext*)
- 16' Posaune
- 16' Bassethorn (*Sw.*)
- 16' Fagotto (*Gt.*)
- 8' Posaune (*ext*)
- 8' Bassethorn (*Sw.*)
- 4' Posaune (*ext*)

83 ranks
Electro-pneumatic action



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David A. J. Broome

Panel Discussion – "Voicing and Acoustics"

Mr. Broome began his career in organbuilding in 1948 with J. W. Walker & Sons, Ltd., of London, learning flue and reed voicing under tonal director W. J. Goodey. While with the firm he finished and voiced reeds for numerous organs throughout England and Australia. In 1957, David joined Austin Organs, Inc., of Hartford, Connecticut, and served as head flue and reed voicer, vice president, and tonal director. He has voiced reeds for countless instruments around the world, including such notable organs as The Mormon Tabernacle, Trinity College in Hartford, Our Lady of Czestochowa in Doylestown, Pennsylvania, and First and Fifth Presbyterian churches in New York City. He is noted for his Classic reed chorus voicing, Romantic imitative reeds, and high-pressure reed work.



Thomas Brown

Recitalist – Saturday evening concert at Grace Episcopal Church

Mr. Brown is one of the rare keyboard musicians who concertizes on both the piano and the organ. He made his debut in Chicago's Orchestra Hall in 1976 as a part of the prestigious Allied Arts Piano Series. He holds the Master of Music degree in piano from The Juilliard School and, while a student there, was named an Outstanding Young Artist of America by the editors of *Musical America* magazine. As an organist, Mr. Brown has performed for regional and national AGO and OHS conventions and has made three tours to southeast Asia. He is active as an organ consultant and has a number of commercial recordings to his credit. The Grace Episcopal Welte organ was the first pipe organ he had ever played (in 1966, before his legs were long enough to use the pedals), and his organ teachers have included noted Colorado Springs organist John Buck, as well as John Obetz and Gerre Hancock (improvisation).



Peter Duys

Lecturer – "CADD, CAM, and the CNC Router"

Mr. Duys began his apprenticeship in 1980 at Howell Pipe Organs, Inc., in Dixon, Illinois. He later served as shop foreman at Berghaus Organ Company in Bellwood, Illinois, ran a private tuning business for several years, and then returned to Howell as vice president, head voicer, and service manager. In 1993 Peter joined Peterson Electro-Musical Products, Inc., as director of the pipes product line. In 1996 he joined the Rutz Organ Company, Inc., as general manager, concentrating on chest design, tonal design, and voicing. He is now CEO-President of Duys & Nicholson, Inc., which he co-founded in February of 2000. Peter is an AIO Colleague Certificate holder and currently serves on the AIO board of directors, overseeing activities of the outreach committee.



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Dennis Fleisher

Panel Discussion – “Voicing and Acoustics”

Mr. Fleisher is a native of Rochester, New York, and did his primary undergraduate study in trumpet performance at The Juilliard School. While a student there he performed professionally in New York City and Rochester as an orchestral and liturgical musician. He holds a master's degree in music theory from the Eastman School of Music, and an interdisciplinary Ph.D. in physics, acoustics and music from the University of Rochester and the Eastman School. He has worked as an acoustics consultant and a designer of spaces for music, performance, education, and liturgy since 1981, and has his own acoustics consulting firm, MuSonics, located in Golden, Colorado.

Michael D. Friesen

Lecturer – “A History of Midwest and Illinois Organbuilding”

Mr. Friesen specializes in the history of 19th-century American organs and organbuilding. His articles have been published in *The Tracker* (the journal of The Organ Historical Society) and *The American Organist*. He has presented lectures at national OHS conventions and has received two research grants to the American Organ Archives. He has served as a parish organist and as a consultant to churches in the purchase or restoration of organs. Michael holds degrees from Valparaiso University, the University of South Carolina, Roosevelt University, and is a December 2000 candidate in history at Northern Illinois University. He also serves as Village Manager in Lakewood, Illinois.



Joseph Galema

Organ Demonstration – United States Air Force Academy Chapel

Dr. Galema began his duties at the United States Air Force Academy in 1982, and has been Music Director of Cadet Chapel Activities since 1989. His current responsibilities include directing The Cadet Chorale (the Academy's premiere choral group), the Protestant Cadet Choir, overseeing six other choirs, and serving as chapel organist. He was a graduate organ student of Marilyn Mason at the University of Michigan, and in 1987 received that school's Palmer Christian Award for outstanding accomplishments in the field of music. He received the Air Force's Staff Supervisors/Managers Civilian of the Year award in 1999. Dr. Galema has performed organ concerts throughout the United States, England, France, Scandinavia, and the Baltic States.

John M. Grunow

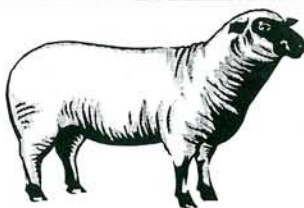
Convention Chairman

Table Talk Seminar – “Government Contracts”

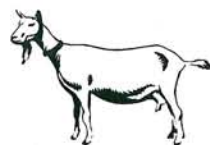
Mr. Grunow began his organbuilding apprenticeship with W. E. Wilson and Associates of Colorado Springs in 1980. In 1985 he was appointed service manager. Between 1985 and 1995 John assumed responsibility for case and mechanical designs and also became the sales manager. Upon Walter Wilson's retirement in 1996, John purchased the business and renamed it Wilson Associates Pipe Organs. He has been an AIO member since 1994.



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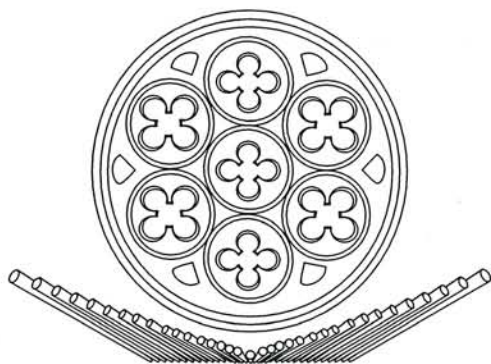
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Charles Hendrickson

Table Talk Seminar – "Moving Organs with Air Cushions"

Mr. Hendrickson attended Gustavus Adolphus College, the University of Minnesota, and the University of Arkansas. He holds a master's degree in physics, and was an itinerant teacher of college physics and a researcher dealing with atomic transitions in lithium and aluminum crystallography. He began full-time pipe organ building in 1964, and has been an AIO member since 1978. The Hendrickson Organ Company is also a member of APOBA and ISO. His firm employs eight, including sons Eric and Andreas. After five years of building electric-action organs, Charles began building tracker organs in 1969. He has authored more than 50 articles in *The American Organist*, and has contributed to the *ISO Journal* and *The Diapason*.



Hans Erich Laukhuff

Lecturer – "The Design and Manufacture of the Centrifugal Organ Blower"

Hans-Erich Laukhuff became a Journeyman apprentice at Aug. Laukhuff in 1965, and in 1966 he moved to St.-Hyacinthe for a year at Casavant Frères, then directed by Larry Phelps. In 1968, Mr. Laukhuff completed the Masters Course at the School for Organbuilding in Ludwigsburg. In 1972 he was appointed "Geschäftsführer" of Aug. Laukhuff GmbH & Co., of which he is also a partial proprietor. Mr. Laukhuff's interests lie not only in the efficient management of the family business, but also in expanding the range of products and services to organ building customers worldwide. He has been a frequent visitor to AIO conventions, alternating every other year with his cousin, Peter Laukhuff.



Irv Lawless

Table Talk Seminar – "Government Contracts"

Mr. Lawless began his organbuilding career in 1965 with the Lewis & Hitchcock firm in Silver Spring, Maryland. He was involved with the installation of a number of notable Aeolian-Skinner organs in Washington, D.C., including the Kennedy Center for the Performing Arts and two instruments for National Presbyterian Church. In 1972 he began an organ maintenance company in Washington. He was appointed Tonal Manager at the Moller company in the late '80s and was responsible for the tonal finishing of their 205-rank organ at Calvary Church in Charlotte, North Carolina. In 1992 he formed the Lawless-Johnson Organ Company with John Johnson. This firm has built several new organs and performs organ maintenance work through the D.C. area, including an upcoming contract with the Camp David presidential retreat.

October 7-10, 2001

Organs to be heard:

New organs built by Andover,
Bozeman, Fisk, and Noack

Aeolian-Skinner, Mother Church, Boston
Flentrop, Busch Museum, Cambridge

Boston University Symphonic Organ

Walcker/Aeolian-Skinner, Methuen Music Hall

E. & G. G. Hook, Immaculate Conception Church, Boston

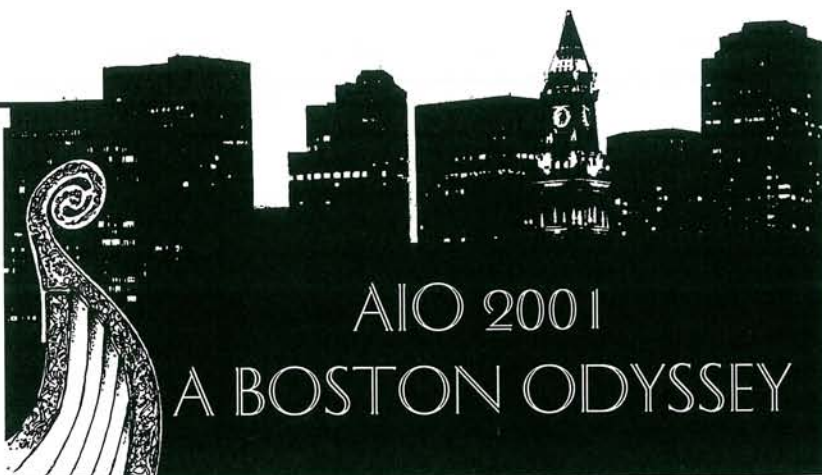
Holtkamp, Mass. Institute of Technology, Cambridge

Aeolian-Skinner, Church of the Advent, Boston

E. & G. G. Hook & Hastings, Holy Cross Cathedral, Boston

Shop visits:

Tour the organbuilding shops of Andover, C.B. Fisk, and Noack



Sightseeing:

A tour of Boston's "Freedom Trail" including the Paul Revere House, Old North Church, and the Bunker Hill Monument

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Stephen Leslie

Table Talk Seminar – "Setting a Temperament"

Mr. Leslie is a member of the tonal staff of Schantz Organ Company. He is a 1972 graduate of the University of Tennessee with a bachelor's degree in organ performance. His 1974 participation in Belgium's International Master Class in Organ with Flor Peeters led to his decision to pursue organ building rather than performance as his vocation. His career with Schantz began in 1975, and he returned there in 1998 following a thirteen-year partnership with Roger Inkpen at Newton Pipe Organ Services in San Jose, California. A high point of Stephen's California years was his chairing of the 1995 AIO convention in San Jose. He is currently involved with two important projects at Schantz—the E.M. Skinner organ in Cleveland's Severance Hall, and the Hill, Norman & Beard organ in the Melbourne, Australia Town Hall.



Fernand Létourneau

Panel Discussion – "Voicing and Acoustics"

Mr. Létourneau began his organbuilding career in 1965 as an apprentice voicer at Casavant Frères Limitée of St-Hyacinthe, Québec. Rising quickly through the ranks, he was appointed On-Site Tonal Finisher in 1970 and worked under the guidance of Lawrence Phelps and Gerhard Brunzema. In 1975, he accepted the position of Head Voicer at Casavant. In 1978 he resigned this position and left Canada to study the voicing of historical organs in Europe on a Canada Council of the Arts grant. He has made detailed studies of organs by Schnitger, Clicquot, Silbermann, Cavaillé-Coll, Hill, and others. Upon his return to Canada in 1979, he started his own company in St-Hyacinthe and has built almost 80 organs. He has been an AIO member since 1978.



Max Mayse

Panel Discussion – "Voicing and Acoustics"

Mr. Mayse served as a voicer for the Reuter Organ Company in Lawrence, Kansas from 1972 until 1988. He was appointed Associate Tonal Director in 1981 and promoted to Tonal Director in 1983. He developed computer programs to assist in scaling and production of pipes, chests, and pipe racks. Since 1988 he has operated a limited organ maintenance business. Max holds a bachelor's degree in music education from West Texas A&M University and a master's degree from City University in Renton, Washington. He is organist at First Christian Church in Lawrence and serves as Computer Services Administrator for the Kansas University Endowment Association.

Charles Ruggles

Table Talk Seminar – "Test Your Own Pipes at 6,000 Feet"

Mr. Ruggles is a native of Cleveland Heights, Ohio, and a graduate of Oberlin College where he studied organ with David Boe and Fenner Douglass. From 1971 to 1972 he was assistant organist of Trinity Cathedral in Cleveland. He learned organbuilding with John Brombaugh in Middletown, Ohio. Following a European organ study tour in 1975, he started his own company in Cleveland Heights and has been building mechanical action organs ever since. He has also been involved with the rebuilding and restoration of a few 19th-century organs. Charles recently relocated his shop to Conifer, Colorado.





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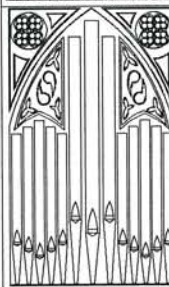


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John Seest

Lecturer – “Basic Structural Engineering for Pipe Organs”

Mr. Seest is a structural engineer and serves on the Board of Directors at ARSEE Engineers in Indianapolis. He has been an Affiliate member of AIO since 1997. After receiving his civil engineering degrees at Purdue University, he studied organ and church music for one year at Indiana University. John has worked in various capacities at Goulding & Wood organ firm in Indianapolis, and still serves there as a consultant. John is an active Scandinavian folk dancer and plays the trombone in the worst way. Also, he likes to hang out with organbuilders.



Susan Tattershall

Lecturer – “Teaching Organists about the Organ”

Ms. Tattershall is internationally known as a specialist in the restoration of pipe organs of the 17th, 18th, and early 19th centuries. After an extended apprenticeship in Europe working with Georges Lhôte, Jürgen Ahrend, and Bartolomeo Formentelli, she opened Tattershall Organs in 1980. Her restorations include the earliest organs extant in the United States, a few in the West Indies, and a dozen in Mexico, including an important group of 17th-century organs in the state of Oaxaca. Invited to direct an organ shop in Mexico City, from 1994-1997 she taught a group of seven employees the craft of restoration, restored several instruments (including an Italian barrel-organ!), and promoted organ events throughout Mexico. Susan enjoys moonlighting as a lecturer and an author of articles about the history of the Mexican organ, and as tour director for organ-tours to Mexico. During the last school year she lectured on Mexican culture at Eastern Michigan University and taught a course in organbuilding. Presently living in Lafayette, Colorado, Susan serves on the board of the local community music school, teaches at a local bilingual school, and has promised her mother that she will soon get a “real job.”

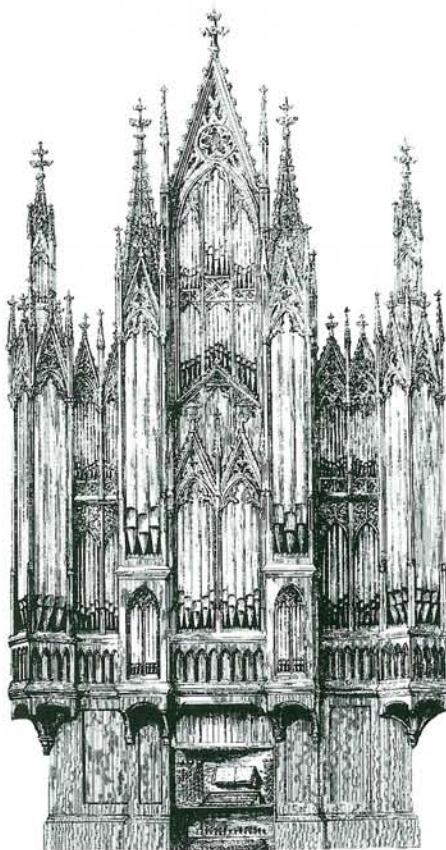


Gillian Weir

Lecturer – “Console Design from the Concert Organist’s View”
Recitalist – Sunday afternoon concert at First Christian Church

Gillian Weir’s unique career has established her as a distinguished musician. Her fame as a performer is backed by her scholarly reputation, and she is in constant demand as a competition adjudicator, lecturer, and performer. Her preeminent position as an interpreter of Messiaen’s works has been further underlined by her recent CD release of his complete organ works. She has received a host of awards and honors worldwide, the most recent of which was presented in 1996 when she was made a Dame Commander of the British Empire, the first organist to receive this accolade. The September 1999 issue of *Classic CD* has named Dame Weir as one of “The 100 Greatest Players of the Century” in a list which includes the entire classical music world. Her 1999-2000 engagements included two tours of the United States, including appearances as recitalist and with orchestra at Florida International University. She performed in July in Seattle, immediately prior to the 2000 national AGO convention.





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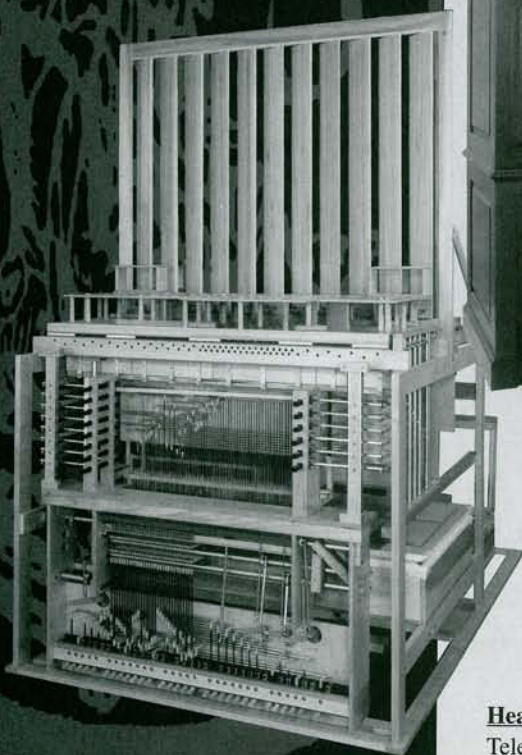
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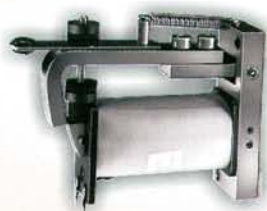
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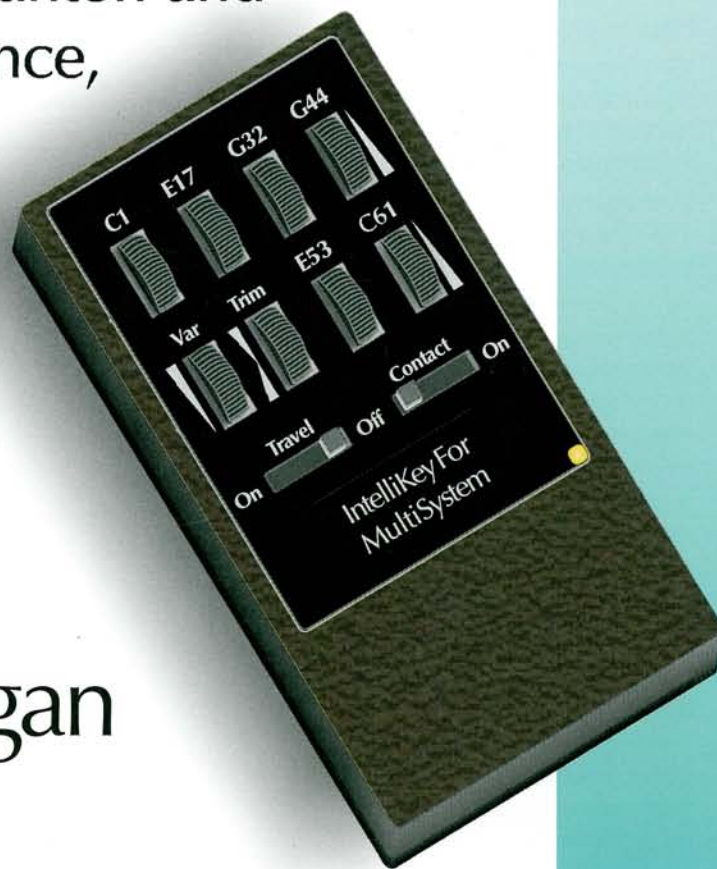
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