

It's a mobile
microphone!

It's a touch-
tone pad!

The Heathkit MICODER™

For use with any 2-meter rig with high-impedance microphone input

A real breakthrough
in convenience and
versatility at only

\$59.95

plus 95¢ shipping and handling

The Heathkit HD-1982 Micoder gives you two instruments in a single compact package. It is a quality electret condenser mobile microphone with excellent audio characteristics for clean voice transmission and it is also a touch tone auto patch encoder which allows you to place phone

calls through repeaters equipped for touch tone input. This breakthrough in convenience eliminates the messy "haywire" hookups that you get when you use separate pads and microphones. And best of all, it is priced at no more than what you'd pay for a separate pad.

The completely self-contained Micoder™ operates on a standard 9-volt battery (not supplied). It's usable with ANY transceiver having a high-impedance microphone input. An adjustable tone level lets you match the output of the Micoder to various transceivers for real versatility.

The Micoder's compact and rugged case, along with single PC board construction, make it an easy-to-build kit you'll use for years to come. It's just another of the many reasons we say "There's more for the Ham at Heath".

Kit HD-1982, Shpg. wt. 2 lbs. . . \$59.95

HD-1982 SPECIFICATIONS

Operating Voltage: 9.0 VDC. Current Consumption: 12 mA. Battery Life: Approx. 6 months. Microphone Type: Electret condenser. Output Level: 30 mV rms maximum. Frequency Response: 300-3000 Hz. Output Impedance: 10k min. Frequency Tolerance: 1.5%. Total Encoder Distortion: Less than 5% (harmonic plus IM). Dimensions: 3 3/4" H x 2 3/4" W x 1 3/4" D. Weight: 6 oz. (including battery).

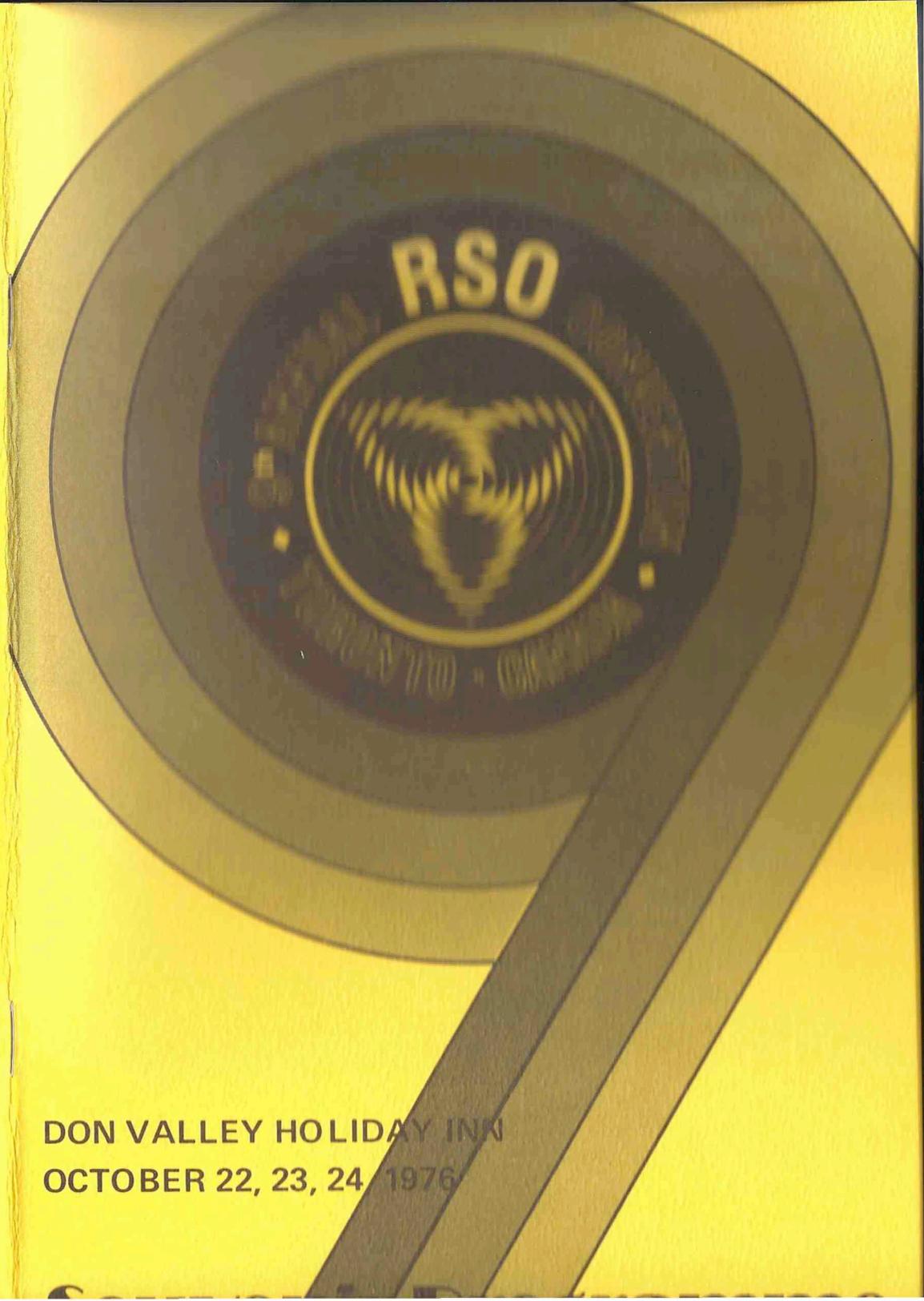
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OCTOBER 22, 23, 24 1976

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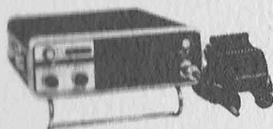
KDK 144 MK-II



MULTI - 7



TR - 7200



MULTI - II



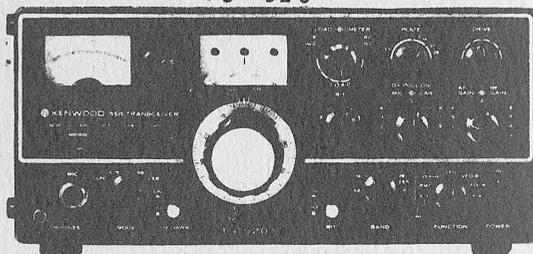
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PRESIDENT'S WELCOME

It is my pleasure to welcome you to the Ninth Annual Convention of The Radio Society of Ontario.

The Convention Committee has spent many hours preparing a varied programme, and I feel sure you will appreciate their efforts.

As you know, the primary purpose of the Convention is to transact the business of the Society at the Annual meeting of Delegates, which includes the election of Directors for 1976-1977.

Enjoy yourself at the Convention and continue to enjoy the finest of hobbies — Amateur Radio.

Lorne Doreen, VE3SZ
President

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THE COUNCIL OF
THE MUNICIPALITY OF METROPOLITAN TORONTO

PROCLAMATION

"RADIO AMATEUR WEEK"

OCTOBER 17 TO 23, 1976

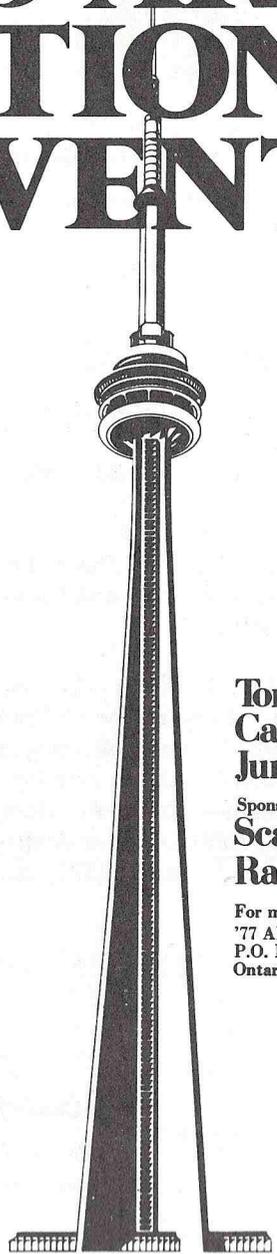
During the period October 22 to 24, 1976, The Radio Society of Ontario Inc. will be holding its Annual Meeting and Convention in The Municipality of Metropolitan Toronto.

The Municipality welcomes and salutes The Society and its many members. In recognition of the dedication of Ontario Radio Amateurs to public service, particularly in times of emergency and disaster, as well as their significant contribution in training and equipping the blind and handicapped to become Radio Amateurs, I am pleased, on behalf of the Council of The Municipality of Metropolitan Toronto, to proclaim the week of October 17 to 23, 1976, as "RADIO AMATEUR WEEK".

PAUL V. GODFREY,
Metropolitan Toronto Chairman.

October 15, 1976.

1977 ARRL NATIONAL CONVENTION



**Toronto, Ontario
Canada
June 3rd 4th 5th 1977**

Sponsored by
**Scarborough Amateur
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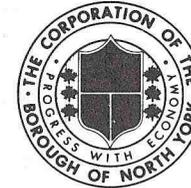
For more information, please write to:
'77 ARRL National Convention
P.O. Box 1011 / Station 'C' / Scarborough
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OFFICE OF THE MAYOR

MEL LASTMAN
MAYOR



BOROUGH OF NORTH YORK, 5000 YONGE ST., WILLOWDALE, ONTARIO M2N 5V7 TEL. (416) 225-4611

October 22, 1976

Radio Society of Ontario Inc.

On behalf of the Council of the Borough of North York, I wish to extend Greetings on the occasion of the Amateur Radio Operators Annual Convention being held at the Don Valley Holiday Inn, October 22 - 23 and 24th.

I understand there are approximately 1200 members attending the Convention from Ontario, Quebec and the surrounding Border States, with speakers from across the United States and Canada.

To our visitors I offer a warm welcome and wish you a successful Convention.

Cordially,

Mel Lastman
Mayor

Still the best way to get from 160 to 10 meters.

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Les Brownlee	VE3BLZ
Tom McKee	VE3ETM

DELEGATES

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Bob Fugard	VE3DUF	
Eric Sigvaldson	VE3AVE	
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<i>North Bay</i>		
Horace Jones	VE3BWH	
Ken Smith	VE3GBM	
<i>Sault Ste. Marie</i>		
Les Brownlee	VE3BLZ	
Ben Pomber	VE3BPS	
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<i>Kenora</i>		
-		
<i>London</i>		
Ralph Miles	VE3CMQ	
Rene Levasseur	VE3FQ	
<i>Windsor</i>		
Tom McKee	VE3ETM	
Mike Turik	VE3BJK	
- Positions vacant		

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Bert Hovey	VE3EW
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News Editor — Al d'Eon VE3AND
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Business Manager — Art Sylvah VE3FMB

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Public Relations — Marv Nash VE3FON
VHF/UHF — George Davis VE3BBW



A Message From the Convention Chairmen

Thanks for attending the 9th Annual R.S.O. Convention. A lot of people have put in a lot of hours to make it a success, so we hope you enjoy yourselves.

As Co-Chairmen we would also like to thank our Committee for their co-operation and hard work.

— Bob Rotenberg VE3AKN

— Marv Nash VE3FON

Convention Committee

Convention Chairmen	Bob Rotenberg VE3AKN Marv Nash VE3FON
Registration	Dan Robertson VE3FOV
Exhibitors, Prizes, Gifts	Bob Sinclair VE3DFS
Hospitality Rooms	David Adams VE3HBF
Forums & Technical Presentations	Eric Hott VE3XE
Banquet & Cabaret	Bob Fugard VE3DUF
Treasurer	Tom Bruce VE3BFT
Flea Market	Tom Murphy VE3FMI Fuad Khouri VE3FCN
Ladies Programme	Ellen Nash
RSO Liason	Tom Atkins VE3CDM
Liason (ARRL 1977 Convention)	Gord Steane VE3BMG
Talk-In Stations	Bruce Carveth VE3BC
Publicity & Souvenir Programme	Al d'Eon VE3AND Art Sylvah VE3FMB

Radio Society of Ontario Inc. Ninth Annual Convention Holiday Inn, Toronto



PROGRAMME SUMMARY

Friday, October 22,

1500	Registration Desk Opens
1800	Cocktail Hour (Cash Bar)
1900	Friday Night Eye Ball Buffet (to 2100)
2100	Friday Night Eye-Ball Dance (to 0030)

Upper Lobby

Ballroom (Commonwealth Hall)
Ballroom (Commonwealth Hall)

Saturday, October 23

0800	Registration Desk opens
0900	RSO-DOC Forum
0900	Homebrew
0900	Amateur Satellite Communications
0900	Demonstration — Cuisinart.
0930	McMichael Gallery — Bus Leaves
0945	Scarborough Centre Tour — Bus Leaves
1000	Ladies' Downtown Shopping — Bus Leaves
1030	Flea Market Begins
1030	Coffee Break
1100	How to DX
1100	CRRL Forum
1100	Propagation — Past and Prospects
1100	Amateur Radio — "A Resource of Public Service Communications"
1100	Film Show — I
1200	CARF Forum
1300	Lunch
1400	RSO Annual Meeting of Delegates
1430	Antenna Forum
1430	Microprocessors In Amateur Radio
1430	Wide World of Slow-Scan and Fast-Scan ATV
1430	Film Show — II,
1430	Terrariums and Plants
1600	Wine Appreciation
1800	Reception Cocktail Hour (Cash Bar)
1900	Banquet and Awards
2030	Drawing for Major Prizes
2130	Dancing (until 0030)

Upper Lobby
Commonwealth Hall West
Commonwealth Hall Centre
Commonwealth Hall East
Barcelona Room

Inside Parking Garage

Versailles Room
Commonwealth Hall West
Commonwealth Hall Centre
Commonwealth Hall East
Churchill Room
Commonwealth Hall West

Versailles Room
Commonwealth Hall West
Commonwealth Hall Centre
Commonwealth Hall East
Churchill Room
Barcelona Room
Barcelona Room

Ballroom (Commonwealth Hall)
Ballroom (Commonwealth Hall)
Ballroom (Commonwealth Hall)

Sunday, October 24

0930	"Live" Satellite Communications Demonstration
1115	VHF Propagation

Versailles Room
Commonwealth Hall East

Wear your registration badge at all times and have your tickets ready for all social events.

SPECIAL NOTICE

Please lock your cars while attending this convention. We of course cannot be responsible for theft of equipment. This is especially important while parking at the hotel. It is suggested you remove your rigs, antennas, loose items, etc. . . . and put them in the trunk of your car.



HOSPITALITY SUITES

Room No. 100 TFM COMMUNICATIONS SOCIETY

Room No. 200 SCARBORO AMATEUR RADIO CLUB

Room No. 102 QUATER CENTURY WIRELESS ASSOCIATION

Room No. 202 CARF

Room No. 443 SOCIETY OF WIRELESS PIONEERS

Room No. 444 ONTARS CONTROLLERS

Room No. 300 ARRL

General Meeting Place:

Palm Court located on main floor adjacent to commonwealth hall.

Meet your friends at the "Eyeball Lounge".

Say a special hello to Members of the C.N.I.B.

Amateur Radio Club and the Wheel Chair

Roundup Guys and Gals.

Coffee served throughout the day (Small charge.)

10 a.m. to 4 p.m. Saturday

PLEASE NOTE:

So that the R.S.O. can provide maximum support to the A.R.R.L. Convention being held in Toronto in 1977, there will be no R.S.O. Convention that year. The semi-annual (spring and fall) meetings, of the Society will be held as usual at a time and place to be announced.



LADIES PROGRAMME CONVENTION COMMITTEE

Chairman — Ellen Nash
Registration Kits and Prizes
Jo Atkins, Eleanor Davis, Sue Robertson

Inside Programme —Helen Loucks
Trips and Shuttle - Patricia Ridpath

We wish to thank the following individuals and companies for their consideration and donations for our kits and prizes.

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FRIDAY, OCTOBER 22nd, 1976

COMMONWEALTH HALL – BALLROOM

– FRIDAY NIGHT EYEBALL & BUFFET 7:00-9:00 P.M. – 6:00 P.M. CASH BAR – DANCING 9:00 P.M.-12:30 A.M.

SATURDAY, OCTOBER 23rd, 1976

Time	Versailles Room	Commonwealth Halls			Churchill Room
		West	Centre	East	
0900-1030		RSO-DOC FORUM Lorne Doreen, VE3SZ, President, RSO Gary Brooks, DOC, Director, WARC Vic Decloux, DOC, Chief, Regulations	HOMEBREW George Davis, VE3BBW – “1 cu. in of CPI” Paul Hrivrak, VE3UP – “The Ultimate Linear” Albert Jackson, VE3QQ – “Touch-Key Updated” Bill Weiser, VE3GSD – “Fully Tunable 2m. Rig from Surplus	AMATEUR SATELLITE COMMUNICATIONS Larry Kayser, VE3QB, AMSAT – CANADA	
1030-1100	Coffee				
1100-1300	HOW TO DX Jack Reed, VE3GMT and the Canadian DX Association	11:00 CRRL FORUM Ron Hesler, VE1SH, Director 1200 CARF FORUM Doug Burrill, VE3CDC, V.-P.	Propagation – Past and Prospects Ed Tilton, W1HDQ Propagation Editor, QST	Amateur Radio – A Resource of Public Service Comms. Mike Goldstein, VE3GFN, ARRL EC George Jones, Ontario Hospital Association	FILM SHOW I Roy Stokes VE3ESS 1100, Space Connection 1125, Hams' Wide World 1200, Antenna Funda- mentals 1245, Telecommunications Behind Scenes
1300-1430	Lunch				
1430-1630	RSO ANNUAL MEETING OF DELEGATES NOTE: Starts 1400	ANTENNA FORUM Al Lowry, VE3AL	MICROPROCESSORS IN AMATEUR RADIO Joe Hood, K2YAH Jim Schueckler, WB2YZL	WIDE WORLD OF SLOW- SCAN AND FAST-SCAN ATV – Henry Ruh, WB8HEE Publisher, A-5 Magazine	FILM SHOW II Roy Stokes, VE3ESS 1430, Telecommunications Behind the Scenes 1455, Antenna Fundamentals 1540, Hams Wide World 1615, Space Connection

SATURDAY NIGHT BANQUET – 7:00-9:30 P.M. – COMMONWEALTH HALL BALLROOM

COCKTAIL HOUR – 6:00-7:00 P.M. CASH BAR

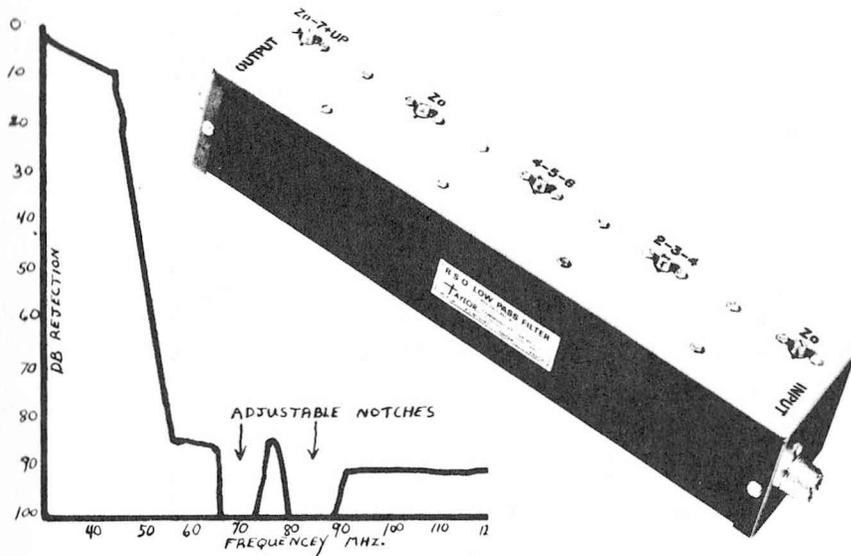
- PRIZE DRAWS
- ANNUAL AWARDS

- DANCING 9:30 P.M.-12:30 A.M.
- CASH BAR 9:30 P.M.-12:30 A.M.

SUNDAY, OCTOBER 24, 1976

0930-1100	LIVE SATELLITE COMMUNI- CATIONS DEMONSTRATION Larry Kayser, VE3QB, AMSAT – Canada Versailles Room	1100-1115 – BREAK	1115-1300	VHF PROPAGATION Ed Tilton, W1HDQ Propagation Editor, QST Commonwealth East	WEAR YOUR BADGE ITS YOUR ADMISSION TO ALL SESSIONS
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LADIES PROGRAMME, SATURDAY, October 23

- 9:00-10:00 a.m. Demonstration of the "Cuisinart Food Processor"
 —Patricia Crocker, Weil Co. Distributors.
 BARCELONA ROOM
- 9:30 a.m. Board Bus for trip to Kleinburg and the McMichael Canadian Collection
 FLANAGAN'S BUS STOP
- 9:45 a.m. Board bus for Tour of Scarborough Civic Centre followed by shopping
 at Scarborough Town Centre
 FLANAGAN'S BUS STOP
- from 10:00 a.m. Downtown Shuttle Service
 SEE SEPARATE SHEET IN KITS FOR ROUTE AND ADDITIONAL
 INFORMATION
- LUNCH Stop where you are for a bite to eat.
 Those on the Kleinburg trip will be taken to "The Doctor's House
 Restaurant" in Kleinburg.
- 2:15 p.m. Board bus at Scarborough Town Centre
 2:45 p.m. Bus returns to Holiday Inn Don Valley
- 2:30-3:30 p.m. "Terrariums in Your Home" — Demonstration of Plants with a question
 period following.
 — Kurt Crist, Weall and Cullen Garden Centres.
 BARCELONA ROOM
- 2:40 p.m. Board bus at Doctor's House Restaurant
 3:30 p.m. Bus returns to Holiday Inn Don Valley
- 4:00-5:00 p.m. "Everything you wanted to know about wine but were afraid
 to ask".
 — wine appreciation and sampling
 — Bob Bateman, Wm. Mara Co.
 BARCELONA ROOM
- COFFEE Available all day in the Eyeball Coffee Lounge
 Cookies compliments of The Ontario Trilliums
- SPECIAL NOTE: Wear your convention registration badge at all times.
 This will be your ticket of admission to all events, and your pass
 for bus service.
- PRIZES Draws will be held at 2:30 p.m., 3:30 p.m. and 4:30 p.m. See the
 list posted near the BARCELONA ROOM. All prizes must be picked
 up by 5:15 p.m.; unclaimed prizes will be redrawn at the Banquet.

For the ladies not staying at the hotel, room 441 will be available for change. We cannot
 arrange security for this room so please make your own arrangements, or leave your things in
 your locked car.

RAY HUNTER & ASSOCIATE

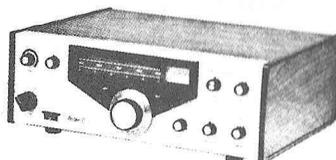
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STOP the man with the green badge for tickets.

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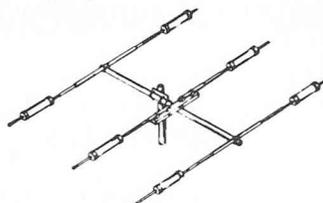
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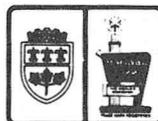
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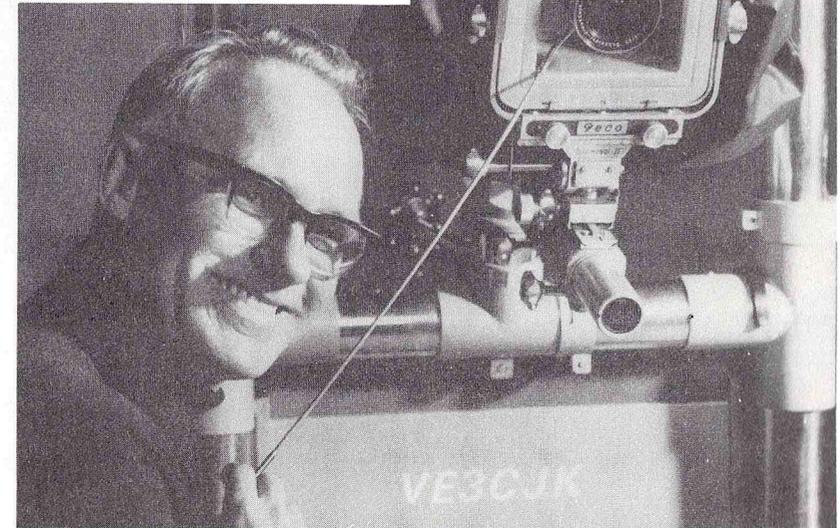
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- 1970 JOE KIRBY VE3ST
- 1971 NOEL EATON VE3CJ
- 1972 JEAN EVANS VE3DGG
- 1973 LEN SUMNER VE3DOR
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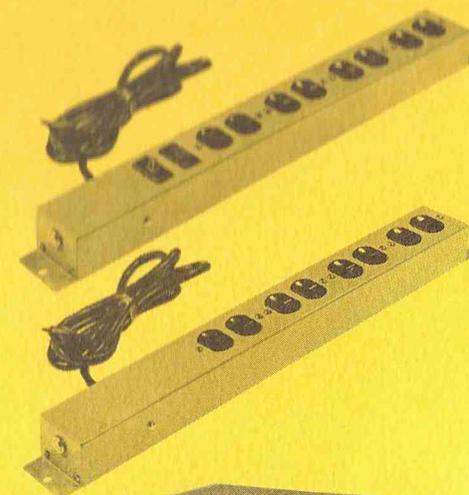
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