NEW INVENTION OUTMODES ALL PRESENT ANTENNAS!

53 CLAIMS GRANTED IN 5 U.S. PATENTS ON NEW REVOLUTIONARY ANTENNA INVENTION!



POLYMICALENE

THIS IS ALL YOU NEED!

The price includes the complete entenna and the 9-position electronic erientation switch. The Air Dielectric Palymicolone Transmission Line is purchased as required for the individual installation.

* GUARANTEED TO POSITIVELY OUTPERFORM ALL OTHER ANTENNAS (with or without rotor motors) on ALL UHF, and ALL VHF stations 2 thru 83 from ALL directions.

GUARANTEED to positively give you the CLEAREST, SHARPEST, most PERFECT GHOST-FREE pictures possible in both COLOR and black-white.

MONEY BACK GUARANTEED TO RECEIVE ALL CHANNELS 2-83 FROM ALL DIRECTIONS AND POSITIVELY OUTPERFORM ALL OTHER ANTENNAS WITH OR WITHOUT A ROTORMOTOR

UP TO 10 TIMES MORE POWER-FUL THAN ALL PRESENT CONVENTIONAL ANTENNAS! New, revolutionary antenna, while being up

to 10 times more powerful than conventional antennas, is still able to receive all television and FM stations from all directions without a rotor motor of any kind. The electronic orientation switch used with a new type transmission line developed specifically for this extra powerful antenna now makes it possible to clearly receive stations heretofore considered out of range. It is now possible to put up just one antenna, use just one transmission line, pay for just one installation and receive the finest possible reception from the stations in and coming to your area regardless of their direction.

ONCE AND FOR ALL SOLVE YOUR ANTENNA PROBLEM

ALL CHANNEL ANTENNA CORP.

Dealer can't

supply you...

Contact us

for the name

of one who can

47-39 49th STREET, WOODSIDE 77, N. Y.

EXETER 2-1336



NEW PATENTED RADAR ANTENNA

OPENS NEW HORIZONS TO TV VIEWERS

These are the reasons why the "Riviera" is by far the most powerful VHJ antenna on the market today!

- 1. Utilizes 16 elements 60" long, 12" diameter.
- Utilizes a specially designed, extra low loss four conductor air-dielectric POLYMICALENE transmission line which has up to 50% less loss when wet than the finest conventional transmission lines.
- The "Riviera" encompasses an electro-magnetic capture volume of well over 650 cubic feet, many times more than conventional antennas.
- The antenna works on the revolutionary principle that the approaching wave front is elliptically rather than horizontally polarized.
- The new specially designed 9 position electronic orientation switch, aside from changing directivity, maintains a consistently better impedance match over the entire UHF-VHF spectrum.
- The above features combine to give the "Riviera" antenna greater usable gain at the TV set antenna terminals than the best of any competitive antennas using rotor motors.

This new wonder entenna, called the "Riviera", is alroady making history, Beyond any question of a doubt, and on an anconditional moony back guarantee, it will positively outperform in the field under actual installation conditions, any and all competitive antennas on the VHF channels, with or without rotor motors.

ALL CHANNEL ANTENNA CORP.

47-39 49th STREET, WOODSIDE 77, N. Y.

EXETER 2-1336

POLAR PATTERNS



Price includes Complete Stocked Auray - Stocking Bees - 9 Position Switch - Switchto-set Coupler -2 Stund-offs, 71/2" -

The polar directivity response patterns show the major lobes of the "Riviera" anterera on VISI. It shows the follows of the "Riviera" anterera on VISI. It shows the follows occurring in gal directions of this remarkable, patiented on tenno as it is hursed through each of the sine switch patilities. Each degree of shooting constitutes a different which position. This excellent directivity response, which can be switched at will, plant the outermally high gains, dearly indicate why the Riviera is such a superior partnerner.

IN UHF-VHF DISTRICTS . . . USE

he NEW Super 60

100 MILES VHF . 60 MILES UHF

BACKSTOP

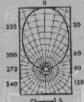
STOPS co-channel and adjacentchannel interference caused by rear signal pick-up!

- Highest front-to-back ratio ever built into an antenna!
- · No rear pick-up; eliminates "venetian blinds"!
- Largest screen area: 70 square feet!
- · Very high all-channel gain. Incorporates basic Champion design, including Tri-Pole, with additional elements!
- Completely preassembled!

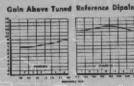
Table of Frant-ta-Back Ratios (Relative Yoltoge)

Channels	Front-to-Back Ratios							
2	9:1							
3	10:1							
4	11:1							
5	20:1							
6	18:1							

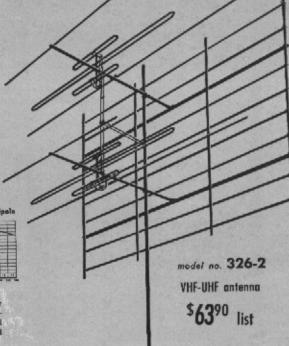
Only Low Band channels shown, since ca-channel interference is not encoun-tered on High Band channels.







IMPORTANT . . . don't be misled by polar patterns representing relative POWER. Remem ber, power is the square of voltage. All Channel Master polar potterns are presented in relative VOLTAGE.



2 radical new antennas by CHANNEL MASTER

The most beautiful antenna ever made! The only indoor antenna featuring powerful outdoor design principles -Bow-Tie and Screen.

VHF-UHF indoor antenna

DESIGNED FOR POWER!

On UHF: For primary and secondary areas. In many cases, performance is equal to actual outdoor installations. Good directivity on all channels.

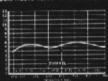
On VHF: Ideal in areas of strong VHF signals.

STYLED FOR BEAUTY!

Designed by a well-known industrial designer, the WONDER BOW is proof that indoor antennas can be beautiful as well as powerful. Wins customer approval on beauty alone!

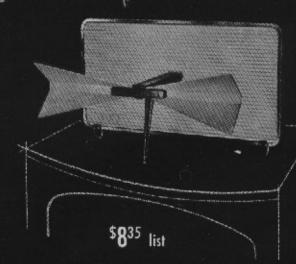
Goln Above Tuned Reference Disole

The first gain figures ever to be published for an indoor antenna!



Gold and black medel no. 416

Silver and black model no. 417





CHANNEL MASTER CORP.

The World's Largest Manufacturer of TV Antennas

Write for complete technical literature.

Copyright 1954, Channel Master Corp.

this great all-channel antenna discovery is smashing sales and performance records in every TV area!

> Single bay SUPER RAINBOW medel no. 331

the CHAMPION

RAINBO

brilliant black-and-white performance and really ready for COLOR!

these 3 revolutionary, power-packed design features - found in no other antenna today!

- 1. New specing formula: Radical new spacing arrangements between the directors and reflectors has, for the first time, extended the full efficiency and high gain of the basic narrow band Yagi over the full width of an entire VHF band.
- 2. New "triple power" High Band directors and reflectors: Three-section directors and reflectors, with insulated segments, provide combined power of three High Band Yagis, operating side by side, in phase.
- 3. New "inter-mix" design: Combines into one single antenna - two separate, independent sets of directors and reflectors, one for High Band, one for Low Band. Each parasitic system operates only on its own band. Fullest efficiency - no compromise design.

PLUS Channel Master's potented, super-gain TRI-POLE . . . the unique triple-power dipole that made the Champion America's most wanted antenna.

Write for complete technical literature

CHANNEL MASTER creative

Stacked RAINBOW medel no. 330-2

engineering

Here's how the RAINEOW out-performs the femous Champion:

	(1100)									- 10			
Solo Gray - Solo 1-Boy Chemplan	1 807	0	i	0	-1	-7 88	-3	113	100	1,3	73	-1.5 00	+2.
	1-600 92758 M 108008	-1	1	+1.5	+2.5 08	-0.5 56	-1.1	-2 08	12	-1.3	-2	13,0	*4.
5 4 5 10	DAMES		1		-		1	100		10	SET I	11	
Coin Coor Strohed All Champles	Dodge	*1.5	+7	+L3	*1.5 DB	·1	11	+,3 08	100	10	10	100	H
	Stocked Service Service	-2	+1.5 DB	1	-1 84	-4 58	5	11	11	-3	- 2 DB	12.5	11.



for fringe and super-fringe areas: Super Kaishow, model no. 331

13710 tut stacked Super Racelons, model no. 331-2 17570 La

r suburban and acor-fringe areas: Rainbow, model no. 330

12340 14 norbed Rambow, model no. 330-2 148NP RM

something new in

- for VHF reception improved High Band VHF reception
- fentures 3 telescoping sections.
- tilt-proof polystyrene base — cannot tip over.
- handsomely packaged for display.

the ALL-VU

*all VHF . . . all DHF the only indoor antenna with this "2-Way" feature.

model no. 381 \$695 list

the PRE-VU

for all-channel VHF reception only. model no. 380

\$595 list

brings you today's $oldsymbol{5}$ newest installation ideas

for . . . more effective installations

- . . . greater customer satisfaction
- ... higher profits for you!

TV ROTATOR

with features found in no other rotator today:

- flexible worm gcar, built-in thrust bearing.
- removable motor, electrical and mechanical stops.
- weatherproof, lightweight, strong.
- straight-thru mast mounting, built-in chimney mount.
- · extremely high torque.

ALUMast

Aleminum Masting-The new idea in antenna masting—

can never rust!

- in telescoping sections
- in swaged 5, 10, and 14 foot sections

Lightweight ALUMast is ½ the weight of steel, making it so easy to install—it swings right up! Stronger than steel, ALUMast is easier to stock and actually more econological.



SELECTENNA COUPLING SYSTEM

permits unlimited antenna combinations with only one transmission line!

- for the first time, you can tie together an unlimited combination of antennas, including separate antennas operating on the same band.
- ideal for areas currently using rotators, manually-operated selector switches, and "omnidirectional" automas.

5542

Including hardware and wire for Joining sauplers. This interlocked attack consists of 4 antenna complets and I Hi-Lo coupler; joins 4 antennas

model no. 9521, \$4995 Ha

model no. 9520, without directional indicator, \$4495 Beautifully styled cabinet has great consumer appeal — is smallest so market (2%" x 4").

Finger-tip control har.



CHANNEL MASTER CORP. CLIENCILE W F



List \$8.50

\$1.98 EACH \$1.75 Lots of 3

Channel 5 List \$25.80

\$7.95 EACH \$7 50 Lots of 3 Channel 9,10,13

\$4.50 ea. \$4.15

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20% deposit with C.O.D.

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FINCO introduces SENSATIONAL New Antennas

Potent Na s. 2,566,287 2,630,531 2,055,599 ather patents applied for

*Trade marks of the Finney Comp Registration Na's, 559,104 575,3

FINCO 400-SA

FEATURING FRO-BAC FULL DIMENSIONAL SCREEN

The engineering masterpiece of the antenna industry! The sensational, new Finco 400-SA eliminates rear signal interference (adjacent and co-channel), ghosts and electronic noise — delivers famous Finco high gain for clear, sharp pictures in the SUPER fringe area on all channels, UHF and VHF. The special electronic FRO-BAC screen has 80 sq. ft. of highest efficiency, FULL LENGTH reflector surface. Preassembled for quick installation.

FINCO 200-A

The ideal antenna for "in-between areas" . . . (too far out to use "Local" type antenna, too close to warrant use of a super-fringe antenna). The new Finco 200-A combines basic, double CO-LATERAL* design with exclusive Finco electronic patents to deliver unbeatable gain and performance in the Semi-Fringe area on all channels, UHF and VHF. Completely pre-assembled.

FINCO 200-SA

The Finco 200-SA was engineered specifically for the "in-between", semi-fringe areas where a FRONT-TO-BACK problem exists. The special FRO-BAC full dimensional screen eliminates rear signal interference, ghosts and electronic noise. This antenna delivers reception power that cannot be matched by ordinary antennas; Completely pre-assembled.

WRITE FOR FREE LITERATURE

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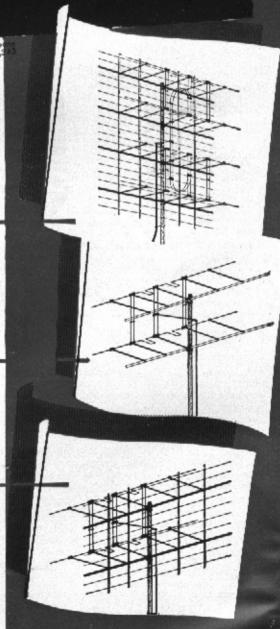
The FINNEY Company

Dept. TN-124 4612 ST. CLAIR AVENUE . CLEVELAND 3, OHIO

MODEL 14-S CONVERSION KIT

FRONT-TO-BACK PROBLEM IN YOUR AREA??? MANY FINCO 400-A INSTALLATIONS???

This kit contains special electronic FRO-BAC screen and stainless steel hardware for quick conversion of models 400-A and 400 to model 400-SA.



Now...complete

Protection:

with a broad-band antenna
that rejects unwanted stands
from rear and sides...and
It's whother Toylor
Kay-Townes TUST

Now... for the First Time!

A full automatic snap-out antenna that is mechanically safe!

timents are double locked in position and pested in channel to prevent dropping or falling apart.

Masufactured and Distributed in CANADA by DELHI METAL PRODUCTS, LTD. DELHI, ONTARIO the antenna for which all America has been waiting...

this is the PROBLEM

New TV stations by the score plus stepped-up power on existing stations is increasing the difficulty of reception in many areas.

Co-channel interferences and the resulting loss of reception quality cannot be overcome by ordinary antennas now available.

MODEL

CHANNEL

RG-1-L

2-6

RG-1-H RG-1-LH 7-13 2-13

RO-1 L and RG-1 H

CORPAIGHT 1934

REARMGUARD

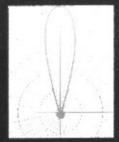


Here is the amazing KAY-TOWNES answer!

Again... KAY-TOWNES is First with the answer!
The new K-T REAR GUARD completely rejects
unwanted signals from the rear and sides to
give televiewers the best possible picture and
sound reception in areas where co-channel

Interferences present difficulties. Yes Sir! The new K-T REAR GUARD is ready for you now in arrays to suit your needs . . . It's a Quality Antenna for Quality Reception. It's a Kay-Townes Antenna!

- NO interference from the rear
- High front to back ratio



RADIATION CURVE REPRESENTING ALL VHF CHANNELS

- Top quality reception
- Sharp definition
- Primary UHF

WRITE TODAY FOR FURTHER INFORMATION AND PRICES

KAY-TOWNES

Antenna Company Box 593 A, ROME, GEORGIA

Use the K-T line of television accessories

SUPER TV BARGAINS Fringe Master



MOTORLESS DIRECTRONIC NO GHOSTS NO INTERFERENCE

FLECTRONICALLY REAMED NO MOTORS NEEDED

AX-599 ment, stacked array prowides sparkling reception

vides sparking reception in city or fringe—all chan-nels in all directions, Serviceman's kit provides 18 hi-tensil aluminum elements. 6-position Direc-tronic Beam Selector, 1 set matched stacking bars, 75' TRI-X Cable, universal U-Clamp. Complete Kit\$16.95

Tremendous Conical Bargain 2-Bay 16-Element Array FACH IN \$4.99 LOTS OF 3

With Hi-Band Adapters. Sturdy Elements. SINGLE LOTS....\$5.30 EACH This conical 2-bay 16-element array provides ultra-fine fringe reception.

Includes sixteen 3/8 inch airplane type aluminum elements, including hi-band adapters for greater gain on the high chan-nels and is complete with one pair of stacking bars to each array. These are packed in cartons of three 16-element arrays per carton, with tie rods, at \$14.95 per carton. Single 16-element arrays, separately boxed—your cost .\$5.30 each .\$5.30 each

.\$13.50 carton



UHF CORNER REFLECTOR ONLY \$ 7.99 EACH IN SINGLE LOTS LOTS OF 6 \$3.50 EACH

This hi-gain UHF Corner Reflector can only be offered you at this low, low price for a short time. 8 to 11 db gain across UHF band. Order Model F-6.

NEW SPRING-SUMMER CATALOG AVAILABLE

ALL PRICES F.O.B. CLEVELAND, OHIO Do not remit more than complete purchase price. shipping charges on receipt of goods, 25% deposit on all C.O.D. orders, please, Money-back guarantee.

National Electronics

THE HOUSE OF TV VALUES

106 Delco Building Cleveland 3. Ohio

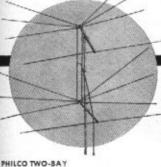


PHILCO

uper Performance



ANTENNAS



PHILCO TWO-BAY SUPER CONICAL

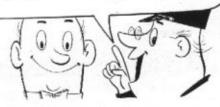
Strong signal pick-up on all VIII-UIII channels. Ideal for fringe area reception . . . aluminum construction with dowelled elements. Part No. 45-3096-2. Single bay design: Part No. 45-3096.

BUILD CUSTOMER CONFIDENCE . . . MORE SALES FOR YOU!

Designed to outperform any equivalent antenna in its class, each Philto Super Performance TV Antenna provides the finest picture possible...long life and ease of installation. Powerful Conical...all-aluminum VHF Yagis, engineered for quick rigging...light weight. Stacked versions provide top-quality fringe area reception. Only six UHF Yagis cover the entire UHF spectrum. Here's powerful reception on all channels...the kind that builds customer confidence...more sales for you!

GET YOUR PHILCO FREE RIDE"

That's right! Ride any way you like it ... or earn all of them! They're yours FREE with PHILCO FREE RIDE TICKETS ... and there's no waiting! Collect your selected "ride" as soon as you have the necessary number of tickets. You can enjoy Rollfast Roller Saures, Radio Flyer Coaster Wagon; Rollfast Bicycle; BMC Javenile Tractor, Airplane Trip for Two; ½ Ton Panel Dodge Truck; Plymouth Plaza Sedan. Concentrate your parts and accessories purchases on PHILCO and make double profits ... profits through the great readymade PHILCO market of PHILCO owners and PLUS



PROFITS with these great FREE RIDES . . . all at no extra cost to you. Don't wait . . . register NOW! Get started on your FREE RIDE with PHILCO!

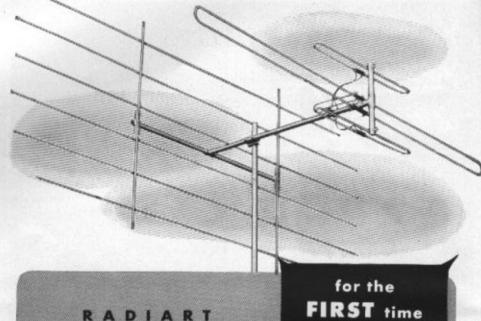
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PHILCO CORPORATION

ACCESSORY DIVISION

"A" AND ALLEGHENY AVE., PHILADELPHIA 34, PA.



ULTAMATIC

THESE QUALITIES HAVE BEEN COMBINED INTO THIS SINGLE ANTENNA -

- LOW VOLTAGE STANDING WAVE RATIO... the mis-match between untenno and transmission like is lower than four competitive types tested, on attribute to its broad band quality.
- FRONT-TO-BACK RATIO ... higher than multi-element, yagi-type entennes, minimizing co-channel interference.
- ★ GAIN... uxpressed in decibels, is a rotio of signal voltage developed by an untensu over that of reference folded dipoles. It is not a quality sold by the pound or achieved by the addition of manningless elements. The curves shown accurately describe the gain at the Uttamatic. Loss of sound or picture due to erratic antenna response is eliminated.

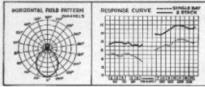
MECHANICAL FEATURES

- Aleminum screen reflector of accivative fold-out design, assembled in seconds with adequate stability for years of trouble-free service. Langer elements have maximum front-to-back ratio on channels 2 - 6 and are more closely spaced for increased performance on channels 7-13.
- Dipole and boom assembly are of heavy gauge, seamless tubing. Dipoles fold out and are rigidly supported and reinforced to minimize sug and sway.
- Specifically designed mechanically by stress analysis of each unit and sub-assembly to provide a low vibrational period of all elements — your assurance of troublefree installations.

MODEL UM-213 . . . double stacked UM-213-2



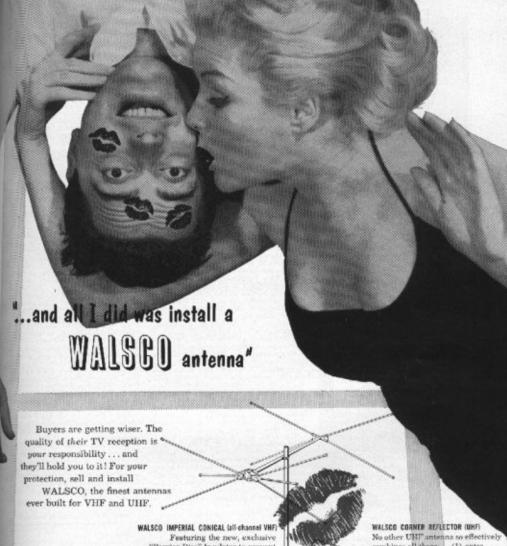
Most Uniform Gain Response The gain response DOES NOT VARY MORE THAN J D. B. ON ANY CHANNEL across the band. This quality is extendingly important in color recaption to insure adequate color synchronization without resetting.



THE RADIART CORPORATION

CLEVELAND 13, OHIO

ANTENNAS * AUTO AFRIALS * VIBRATORS * ROTORS * POWER SUPPLIES



Featuring the new, exclusive
"Barrier Dise" Insulator to prevent
shorts and maintain leating high gain
performance anywhere. Designed for
color as well as black and white.
Not affected by dirt, moisture, salt
... will not rust. Stainless steel
hardware prevents corrosion looses
personneatly. Pre-assembled ...
guaranteed 3 years!
Single Bay ... only 83 95 List. Also
available in Dual and 4 Bay Stacks.

No other USE antenna so effectively combines all three ... (1) extra high gain; (2) all-channel reception; (3) shorp vertical and horizontal directivity. Features the hollow, unbreakable X-27 insulator ... silicone treated to shed dirt and moisture ... not affected by extreme heat, cold or wind.

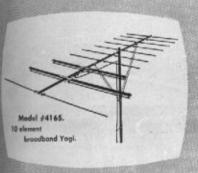
Single Bay ... \$18.95 List. Also crealable in 2 and 4 Bay Stacks.

ELECTRONIES CORPORATION

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Canadian Factory Distributor, Atlas Radio Corp., Ltd., 560 Kieg St., West, Toronto 2-8,

A new standard in electrical and mechanical perfection in all 32 new YAGI antennas



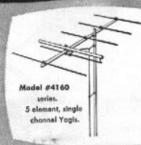
Wajsco's exclusive
"embrelin" snap-out
design provides perfect
element alignment
instantly.



Featuring the new WALSCO "Octopus" Model #4110.

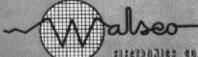
A combination
Yagi-conical for
superlative all-channel
reception.

WALSCO "futurized" YAGIS reach everywhere



a complete line of 32 "futurized" Yagi antennas with superiartive performance... for fringe and ultra-fringe areas for black and white and roter on all present and future channels. No loase hardware... completely pre-assembled using Walson's exclusive "ambrella" snap-out design. Nothing compares at any pricet

Write for complete information on all 32 "futurized" Yagi models



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