Setchell-Carlson Exclusive Unitized Television

Color

Consolette

Contemporary Model 3C64-VHF (pictured)
Contemporary Model 3C64-U VHF & UHF
Cabinet Dimensions:
33½" high x 29½" wide x 19½" deep

Early American Model 3C64-E VHF
Early American Model 3C64-EU VHF & UHF
Cabinet Dimensions:
34½" high x 29½" wide x 20¼" deep

Smart new space-saving consolette cabinet in hard-rubbed genuine American Walnut or Early American hard Maple solids and veneers compliments the finest decor. Push-pull high fidelity audio output with special five-inch extended range speaker.

Exclusive UNIT-IZED Chassis features 8 plug-in Units, including plug-in Chroma Unit, which may be removed from chassis by your serviceman and TV will continue to perform in black-and-white!

Latest bonded face 21-inch picture tube has newest improved phosphors for super-clear color pictures as well as finer black-and-white

All convergence controls available from the front.

Luxurious UNIT-IZED Color Television... superior performance and styling for lasting satisfaction.

Specifications subject to change without notice.

Manufactured by SETCHEL-CARLSON, INC., New Brighton, St. Paul 12, Minn.
SETCHELL-CARLSON
CUSTOM UNITIZED COLOR
TV CHASSIS

“The Only Color TV Receiver
That Need Never Leave Home
for Maintenance”*

Unequaled for Performance,
Uniformity, Versatility,
Ease of Modernization
and Maintenance.

This ultra-modern UNITIZED aluminum
television chassis design consists of a Master
Chassis, on which high-performance func-
tional plug-on Units are mounted. Each Unit
may be individually removed or replaced
for quick, easy test or maintenance.

UNITIZED Color TV Chassis Model U800
provides high performance colorcast tele-
viewing, plus superior monochrome reception.

*Only the unit or component that requires maintenance
need be removed.

UNIT CA-1 Extra-sensitive frame grid neutralized triode strip-type
bunch with built-in deflection control. The set fine tuning, new elec-
tronic Micro-Tuning, which may be manually tuned for extra-quality
color pictures, as well as black and white. UHF tuner optional, extra.

UNIT CB-1 44 AC IF amplifier with three high gain frame grid
tubes. High gain gives added stability, VHF transformer input.

UNIT CC-1 Two stage 6.5 MC sound amplifier with balanced ratio
detector, and high fidelity push-pull audio amplifier.

UNIT CD-1 Three stages of video amplification, keyed AGC ampli-
fier, and sync separator with automatic noise gate.

UNIT CE-1 Two stage vertical oscillator and sweep amplifier.

UNIT CF-1 Horizontal deflection and high voltage. Horizontal effi-
ciency, focus, horizontal deflection control, and horizontal blanking control. Special exclusive

Specifications subject to change without notice.

UNIT NY-1 No extra unit.

Chassi Model U800

specifications

UNIT CA-1 Extra-sensitive frame grid neutralized triode strip-type
tuner with built-in deflection control. The set fine tuning, new elec-
tronic Micro-Tuning, which may be manually tuned for extra-quality
color pictures, as well as black and white. UHF tuner optional, extra.

Contains:
- 1-6Q7 Horizontal oscillator
- 1-6J4 Horizontal output
- 1-6Q5 Horizontal amplifier
- 1-6Q4 High voltage regulator
- 1-6Q3 High voltage rectifier
- 1-6C4 AFC dual diode
- 1-Selenium focus rectifier
- 1-Selenium circuit protection rectifier

UNIT CY-1 Chroma (color) Unit. 3.58 MC oscillator, red, green
and blue amplifiers, color-killer circuitry, etc. Exclusive: Chroma
Unit may be removed for test or maintenance (by service man) and
TV chassis will continue to produce monochrome pictures with sound.

Contains:
- 1-6Q7 Band-pass amplifier and color-killer control
- 1-64V6 Red color amplifier
- 1-6Q7 3.58 MC oscillator and reactance control
- 1-6A5 Keyed AGC rectifier
- 1-6A5 Color phase detector
- 2-6O6 Color demodulators
- 1-6Q7 Red and green color amplifiers
- 1-6Q7 Blue color amplifier and horizontal blanking amplifier

CONVERGENCE PANEL

Contains twelve convergence adjustments and two rectifiers.

MOUNTING PANEL The front panel on the chassis are as follows:

Micro-Tuning, Channel Selector, On-Off Volume, Tone, Brightness,
Color and Test. Additional controls are readily accessible at the base
of the control panel, and consist of: Horizontal, Vertical, and
Contrast 1 and Contrast 2.

MAINTENANCE CONTROL ADJUSTMENTS for the serviceman are
all accessible from the front of the television receiver via the control
panel, and the panel under the main chassis is also removable for
maintenance by the serviceman, if needed.

AC Interlock: Input: 325 watts, 115 volts, AC.
SETCHELL-CARLSON ExclusiveUntitled Television

"For the splendor of COLOR...for true fidelity in SOUND"

PIONEER STANDARD ELECTRONICS, INC.
5403 Prospect Avenue
Cleveland, Ohio 44103

Contemporary

in American Walnut, Fruitwood Cherry or African Mahogany
Size: 36½" high x 28½" wide x 19½" deep
Exciting, natural color, adding a new dimension of enjoyment to your televising. UNIT-IZED Color TV reproduces the entire color spectrum, from the softest pastels . . . to vivid middle tones . . . to the richest, most dramatic deep colors . . . true, life-like, real.

New exclusive color developments, available only in Seitchell-Carlson UNIT-IZED TV, combined with premium components and precision hand-crafted circuitry assure uncompromising high quality, superior performance, dependability and uniformity, plus ease of maintenance.

EXCLUSIVE Plug-in Chroma Uni may be removed from chassis by your serviceman and TV will continue to perform in black and white!

The master-engineered 21-inch* picture tube has the newest improved color phosphors to create pictures that sparkle with balanced, vivid colors. The tube also receives movie-clear black-and-white telecasts, remarkable for sharpness and clarity. The tinted safety glass increases picture contrast and is bonded to the tube face to minimize reflections.

EXCLUSIVE Picture-Tube Protector, an exclusive Seitchell-Carlson advanced engineering feature, substantially extends the normal operating life of your

Early American

in sturdy maple

Size: 27½” high x 30½” wide x 20½” deep
picture tube and remarkably renews performance through a single adjustment, when the picture tube ages and becomes slow to warm up, dim, or out-of-focus. Also eliminates damaging high current surges during initial warm-up period.

Two matched 6”, front-mounted hi-fidelity PM speakers, in acoustically-correct cabinetry, provide exceptionally natural sound to match the superlative true-to-life pictures.

And to match the superb performance of picture and sound, magnificently crafted cabinetry, painstakingly designed and executed to blend smoothly into a harmony of styling that will enhance the beauty of any home. Carefully selected and matched hardwood solids, and veneers are hand-rubbed to a glowing patina.

Sethell-Caldon UNITIZED Color Television... a perfect blending of superior performance and styling for the ultimate in televiewing... the only Color TV Receiver that need never leave home for maintenance! 

*21” overall diagonal picture tube with 265 sq. in. viewable area. Specifications subject to change without notice.
"The Only Color TV Receiver
That Need Never Leave Home
for Maintenance"

Unequaled for Performance,
Uniformity, Versatility,
Ease of Modernization
and Maintenance.

This ultra-modern UNIT-IZED aluminum television chassis design consists of a Master Chassis on which high-performance functional plug-in Units are mounted. Each Unit may be individually removed or replaced for quick, easy test or maintenance.

UNIT-IZED Color TV Chassis Model U800 provides high performance colorcast televiewing, plus superior monochrome reception.

*Only the Unit or component that requires maintenance need be removed.

SPECIFICATIONS

UNIT CA-1: Extra-sensitive framegrid neutralized triode strip type tuner with gold plated contacts, pre-set fine tuning, plus new electronic drive tuning, which may be manually tuned for extra-quality color pictures, as well as black and white. UHF tuner optional, extra.

Contents:
1-6065	RF amplifier
1-6G94A	Mixer and oscillator

UNIT CB-1: 44 MC IF amplifier with three high gain frame grid tubes, plus video and audio detectors. Seven tuned circuits plus two traps. Specially designed for color reception.

Contents:
1-6E77	First video IF amplifier
1-6E87	Second video IF amplifier
1-6E87	Third video IF amplifier
1-6G94A	Sound detector
1-1N60	silicon detector

UNIT CC-1: Two-stage 45 MC sound amplifier with balanced UHF detector, and high fidelity push-pull audio amplifier.

Contents:
1-6A95	First sound IF amplifier
1-6A95	Second sound IF amplifier
1-6A13	Audio detector
1-2A27A	First audio amplifier and phase inverter
1-6G94A	Push-pull audio output amplifiers

UNIT CD-1: Three stages of video amplification, key AGC amplifier, and sync separator with automatic noise gate.

Contents:
1-6A95	First video amplifier
1-6G94A	Second video amplifier
1-6G94A	Third video amplifier
1-6A13	Key AGC rectifier
1-6B56	sync separator
1-6A13	Video clamping diode

UNIT CE-1: Two-stage vertical oscillator and sweep amplifier. Drive and linearly controls located on main chassis.

Contents:
1-6G77	Vertical oscillator and vertical output amplifier

UNIT CF-1: Horizontal deflection and high voltage. Horizontal efficiency control, horizontal stabilizer, focus control, high voltage regulator and horizontal centering control. Special exclusive patented safety control circuit with 25,892,299 protection tubes and components in case of drift failure.

Contents:
1-6D16	Horizontal oscillator
1-6D16	Horizontal output
1-6D44	Horizontal deflection
1-3A35	High voltage regulator
1-3A35	high voltage rectifier
1-6A13	AF dual diode rectifier
1-6A13	Silicon focus rectifier
1-6A13	Silicon circuit protection rectifier

UNIT CG-1: Main power supply. Heavy duty power transformer, plug-in dual silicon rectifiers, choke and electrolytic capacitors, and circuit breaker.

Contents:
1-Heavy duty plug-in dual silicon rectifiers

UNIT CY-1: Chroma (color) Unit. 2.58 MC oscillator, red, green and blue amplifiers, color-killing circuitry, etc. Exclusive Chroma Unit may be removed for test or maintenance (by serviceman) and TV chassis will continue to produce monochrome pictures with sound.

Contents:
1-6D16	Band pass amplifier and color-killing control
1-6A13	Color board amplifier
1-6H66	3.58 MC oscillator and reactance control
1-6A13	Color phase detector
1-6A13	Color-killing detector
2-6G66	Color demodulators
1-6U7	Red and green color amplifiers
1-6U7	Blue color amplifier and horizontal booking amplifier

CONVERGENCE PANEL
Contains twelve convergence adjustments and two rectifiers.

CONTROLS on the front panel are as follows:
Micro Tuning, Channel Selectors, On-Off-Volume, Tone, Brightness, Color and Tint. Additional controls are readily accessible at the base of the control panel, and control of: Horizontal, Vertical, and Contrast 1 and Contrast 2.

MAINTENANCE CONTROL ADJUSTMENTS for the serviceman are all accessible from the front of the television receiver via the speaker panel, and the panel under the main chassis is also removable for maintenance by the serviceman, if desired.

AC Interlock, Input: 325 watts, 115 volts, AC.

Manufactured by SETCHELL-CARLSON, INC., New Brighton, St. Paul, Minn.
The luxurious Early American and French Provincial color television receivers pictured feature the famous Setchell-Carlson UNIT-IZED Color TV Chassis, for the ultimate in color and black-and-white televiewing!

Push-pull audio output coupled to one special 8” and one special 6” high fidelity speakers produces extra-ordinary tonal realism.

Exclusive UNIT-IZED Chassis feature 8 plug-in Units, including plug-in Chroma Unit, which may be removed from chassis by your serviceman and TV will continue to perform in black and white!

Latest bonded face 21-inch picture tube has newest improved phosphors for super-clear color picture as well as finer black and white.

All convergence controls available from the front.
Custom UNIT-IZED Color Television... superior performance and styling for lasting satisfaction.

Specifications subject to change without notice.

Manufactured by SETCHELL-CARLSON, INC., New Brighton, St. Paul 12, Minn.
SETCHELL-CARLSON
CUSTOM UNITIZED COLOR TV CHASSIS

"The Only Color TV Receiver That Need Never Leave Home for Maintenance"*

Unequaled for Performance, Uniformity, Versatility, Ease of Modernization and Maintenance.

This ultra-modern UNITIZED aluminum television chassis design consists of a Master Chassis on which high-performance functional plug-ins are mounted. Each Unit may be individually removed or replaced for quick, easy test or maintenance.

UNITIZED Color TV Chassis Model U800 provides high performance colorcast tele-viewing, plus superior monochrome reception.

*Only the Unit or component that requires maintenance need be removed.

SPECIFICATIONS

UNIT CA-1 Extra-sensitive frame grid neutralized triode strip-type tuner with gold plated contacts, front set fine tuning, plus new electronic Micro-Tuning, which may be manually tuned for extra-quality color pictures, as well as black and white. UNIT tuned optional, extra.
Contains:
- 6AU5 RF amplifier
- 6C6A Mixer and oscillator

UNIT CB-1 44 MC IF amplifier with three high gain frame grid tuned plus video and audio detectors. Seven tuned circuits plus two traps. Specially designed for color reception.
Contains:
- 1-6E7 First video IF amplifier
- 1-6F7 Second video IF amplifier
- 1-6V6 Third video IF amplifier
- 1-1050 Sound detector
- 1-1N90 Video detector

UNIT CC-1 Two-stage 4.5 MC sound amplifier with balanced ratio detector, and high fidelity push-pull audio amplifier.
Contains:
- 1-6A6 First sound IF amplifier
- 1-616 Second sound IF amplifier
- 1-6AL5 Ratio detector
- 1-152VX First audio amplifier and phase inverter
- 2-6G6K Push pull audio output amplifiers

UNIT CD-1 Three stages of video amplification, keyed AGC amplifier, and sync separator with automatic noise gate.
Contains:
- 1-6G6G First video amplifier
- 1-6G6D Second video amplifier
- 1-6G6D Third video amplifier
- 1-6AU6 Keyed AGC rectifier
- 1-6G65 Sync separator
- 1-1N90 Video clamping diode

UNIT CE-1 Two-stage vertical oscillator and sweep amplifier. Drive and linearity controls located on main chassis.
Contains:
- 1-6047 Vertical oscillator and vertical output amplifier

UNIT CF-1 Horizontal deflection and high voltage. Horizontal efficiency control, horizontal stabilizer, focus control, high voltage regulator control and horizontal centering control. Special exclusive patented safety control circuit z,R99,259 protects tubes and components in case of drive failure.
Contains:
- 1-634B Horizontal oscillator
- 1-634C Horizontal output
- 1-634D Horizontal limiter
- 1-63K4 High voltage regulator
- 1-3A3 High voltage rectifier
- 1-6AL5 AIC dual diode
- 1-6AL5 Selenium focus rectifier
- 1-6AL5 Selenium circuit protection rectifier

UNIT CG-1 Main power supply, Heavy duty power transformer, plug-in silicon rectifiers, choke and electrolytic capacitors, and circuit breaker.
Contains:
- 1-Heavy duty plug-in silicon rectifier

UNIT CV-1 Chroma (color) Unit, 3.58 MC oscillator, red, green and blue amplifiers, color filter circuits, etc. Exclusive Chroma Unit may be removed for test or maintenance (by serviceman) and TV Chassis will continue to produce monochrome pictures with sound.
Contains:
- 1-634B Band pass amplifier and color killer control
- 1-616G Color burst amplifier
- 1-634B 3.58 MC oscillator and reactance control
- 1-6AL5 Color phase detector
- 1-6AL5 Color killer detector
- 1-6AL5 Color demodulator
- 1-6AL5 Red and green color amplifiers
- 1-6AL5 Blue color amplifier and horizontalblanking amplifier

CONVERGENCE PANEL
Contains twelve convergence adjustments and two rectifiers.

CONTROLS on the front panel are as follows:
- Micro-Tuning, Channel Selector, On-Off Volume, Tone, Brightness, Color and Tint. Additional controls are readily accessible at the base of the control panel, and consist of: Horizontal, Vertical, and Contrast 1 and Contrast 2

MAINTENANCE CONTROL ADJUSTMENTS for the serviceman are all accessible from the front of the television receiver via the control panel, and the panel under the main chassis is also removable for maintenance by the serviceman, if desired.

"AC Interlock: Input: 325 watts, 115 volts, AC.

Manufactured by SETCHELL-CARLSON, INC., New Brighton, St. Paul 2, Minn.
SETCHELL-CARLSON EXCLUSIVE UNITIZED TELEVISION

COLOR

Lowboy

Contemporary Model 3L6400 VHF
Contemporary Model 3L6400-E VHF & UHF
American Walnut (painted), Fruitwood Cherry
or Dark Mahogany
3 3/4" high x 46" wide x 21" deep

Early American Model 3L6-000-E VHF
Early American Model 3L6-000-EU VHF & UHF
Hard Maple
3 3/4" high x 46" wide x 21" deep

French Provincial Model 3L 6400-P VHF
French Provincial Model 3L 6400-PU VHF & UHF
Fruitwood Cherry
3 3/4" high x 46" wide x 21" deep

Luxurious fine-furniture LowBoy styling, master-crafted in select hand-rubbed genuine hardwood solids and veneers in room-flattering Contemporary American Walnut, Fruitwood Cherry or Dark Mahogany, Early American hard Maple, or French Provincial Fruitwood Cherry... combined with the famous Setchell-Carlson UNITIZED Color TV Chassis, for the ultimate in color and black-and-white televiewing!

Push-pull audio output coupled to one special 8" and one special 6" high fidelity speakers produces extra-ordinary tonal realism.

Exclusive UNITIZED Chassis features 8 plug-in Units, including plug-in Chroma Unit, which may be removed from chassis by your serviceman and TV will continue to perform in black and white!

Latest bonded face 21-inch* picture tube has newest improved phosphors for super-clear color picture as well as finer black and white.

All convergence controls available from the front.

Custom UNITIZED Color Television... superior performance and styling for lasting satisfaction.

*21" overall diagonal picture tube with 55 sq. in. viewable area. Specifications subject to change without notice.

Manufactured by SETCHELL-CARLSON, INC., New Brighton, St. Paul 12, Minn.
SETCHELL-CARLSON CUSTOM UNITIZED COLOR TV CHASSIS

"The Only Color TV Receiver That Need Never Leave Home for Maintenance."

Unequaled for Performance, Uniformity, Versatility, Ease of Modernization and Maintenance.

This ultra-modern UNITIZED aluminum television chassis design consists of modular circuit design with vertical-actuated control. Pre-set fine tuning, plus new electronic Micro-Tuning, which may be manually tuned for extra-quality color pictures, as well as black-and-white. UHF tuner optional, extra.

UNITIZED Color TV Chassis Model U800 provides high performance colorcast televiewing, plus superior monochrome reception.

*Only the unit or components that require maintenance need be removed.

SPECSIFICATIONS

UNIT CA-1 Extra-sensitive frame grid neutralized pentode amplifier with grid-stabilized control. Pre-set fine tuning, plus new electronic Micro-Tuning, which may be manually tuned for extra-quality color pictures, as well as black-and-white. UHF tuner optional, extra.

Contains:
- 1-6AG8A RF amplifier
- 1-6C6GA Mixer and oscillator

UNIT CB-1 44 Mc IF amplifier with three high gain frame grid tunnel plus video and audio detectors. Seven tuned circuits plus two traps. Specially designed for color reception.

Contains:
- 1-6J5 First video IF amplifier
- 1-6J7 Second video IF amplifier
- 1-6L7 Third video IF amplifier
- 1-1N10 Sound detector
- 1-1N60 Video detector

UNIT CC-1 Two-stage 4.5 Mc sound amplifier with balanced ratio detector, and high fidelity push-pull audio amplifier.

Contains:
- 1-6A66 First sound IF amplifier
- 1-6A66 Second sound IF amplifier
- 1-6M8 Mono detector
- 1-12AX7 First audio amplifier and phase inverter
- 1-6SN7 Push-pull audio output amplifiers

UNIT CD-1 Three stages of video amplification, keyed AGC amplifier, and sync separator with automatic noise gate.

Contains:
- 1-6A16 First video amplifier
- 1-6K9 Second video amplifier
- 1-6K9 Third video amplifier
- 1-6C6 Keyed AGC rectifier
- 1-1N10 Sync separator
- 1-1N20 Video clipping diode

UNIT CE-1 Two-stage vertical oscillator and sweep amplifier. Drive and linearity controls located on main chassis.

Contains:
- 1-607 Vertical oscillator and vertical output amplifier

UNIT CF-1 Horizontal deflection and high voltage, horizontal efficiency control, horizontal stabilizer, focus control, high voltage regulator control and horizontal centering control. Special exclusive patented safety control circuit #2,589,298 protects tubes and components in case of drive failure.

Contains:
- 1-6SN7 Horizontal oscillator
- 1-6SN7 Horizontal deflector
- 1-6K4 High voltage regulator
- 1-6B6A High voltage rectifier
- 1-6H3A High voltage rectifier
- 1-1N10 A-C dual diode
- 1-6AG8A Selenium focus rectifier
- 1-6AG8A Selenium circuit protection rectifier

UNIT CG-1 Main power supply. Heavy duty power transformer, plug-in dual silicon rectifier, choke and electrolytic capacitors, and circuit breaker.

Contains:
- 1-Heavy duty plug-in dual silicon rectifier

UNIT CY-1 Chrooma (color) Unit. 3.58 Mc oscillator, red, green and blue amplifiers, color-killer circuitry, etc. Exclusively Chroma Unit may be removed for test of maintenance by the service men and TV chassis will continue to produce monochrome pictures with sound.

Contains:
- 1-5979 Band-pass amplifier
- 1-5979 Gain-band amplifier
- 1-6SN7B 3.58 MC oscillator and reaction control
- 1-65V5 Color phase detector
- 1-6A5 Color-killer detector
- 1-6SN7C Color demodulator
- 1-6SN7C Red and green color amplifiers

CONVERGENCE PANEL
Contains twelve convergence adjustments and two rectifiers.

CONTROLS on the front panel are as follows:
- Micro tuning, channel selector, on-off volume, tune, brightness, color and tint. Additional controls are readily accessible at the base of the control panel, and coil for vertical, horizontal, and contrast and contrast.

MAINTENANCE CONTROL ADJUSTMENTS for the serviceman are all accessible from the front of the television receiver via the control panel, and the panel under the main chassis is also removable for maintenance by the servicemen, if desired.

AC input: 325 watts, 115 volts, AC.

Courtesy of Bob Dobush