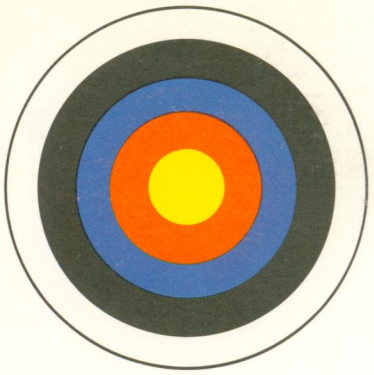
RCA



# What is RCA's Solid State/Modular AccuColor Chassis?

An RCA Solid State/Modular AccuColor Chassis is 100% solid state, giving it greater reliability and lower operating cost. Its snap-out/plug-in AccuCircuit Modules make it easier and quicker to service.

rsdp

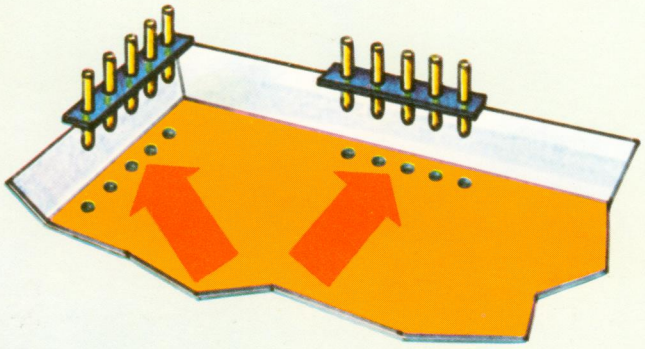
Retail Salesman's Development Program

# RCA Solid State/Modular AccuColor Chassis

## Easy to service

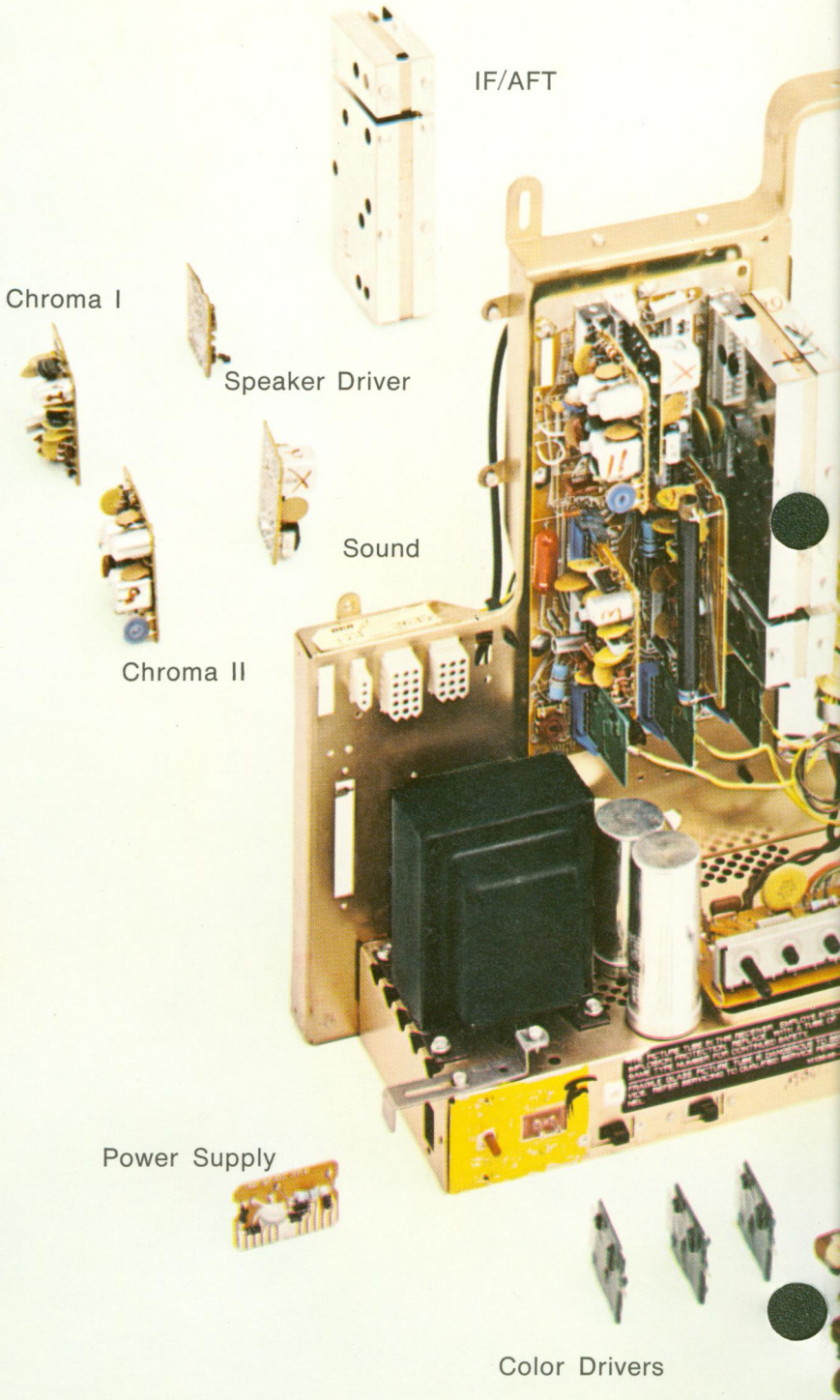
RCA's modular design separates into individual modules many of the functions that were previously a part of the main chassis. Each of these modules contains only a portion of the required circuitry and can therefore be designed relatively small and easily accessible.

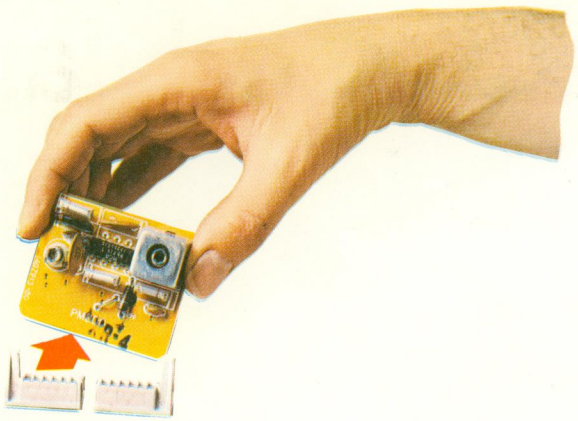
Additionally, by knowing the function of each module, a service technician can often quickly "isolate" a problem to a particular module. In just a matter of minutes the defective module can be removed and replaced with a new one; and then, the customer can be back in business watching his favorite program.



## Unlike conventional modules...

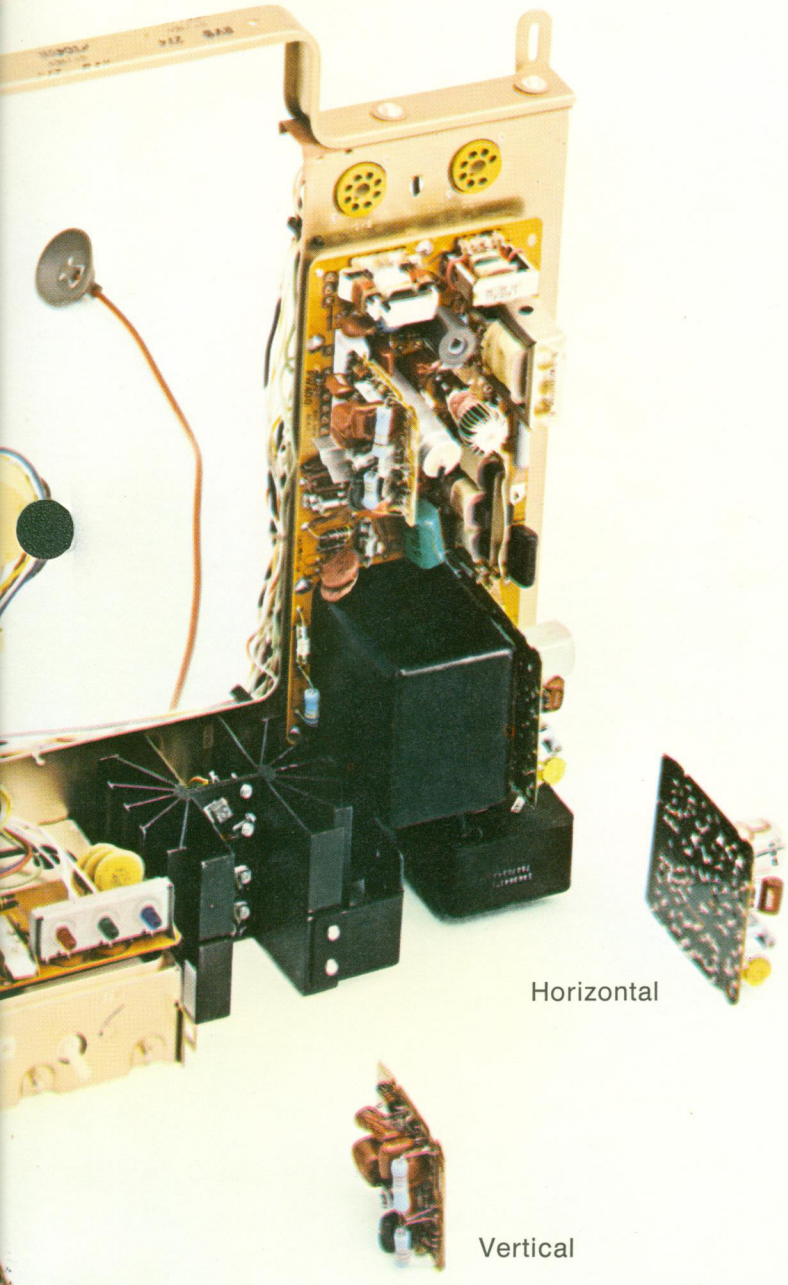
Some systems consist of circuit boards having small holes along their edges into which metal prongs must be matched and inserted to make electrical contact. RCA chose not to use this type of system, avoiding the possibility of the prongs bending or breaking.





## No prongs to bend or break!

The RCA modular design uses edge-mounted modules. With this type of dependable design, the edge of the module itself plugs in and out of sturdy connectors that are permanently mounted to the main chassis. There are *no prongs to bend or break.*



Horizontal

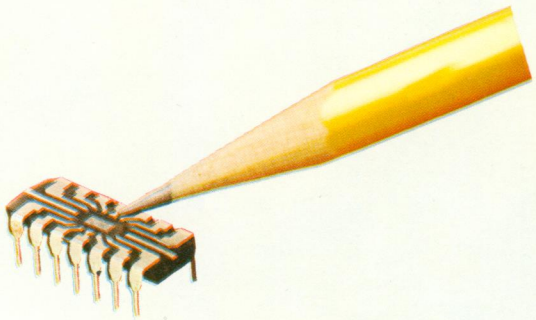
Vertical

Video

## Solid State reliability

The Solid State AccuColor Chassis is 100% solid state. It uses solid state devices ranging from small transistors and diodes to the more sophisticated devices such as the integrated circuit shown in the illustration below.

Solid state devices, unlike tubes, are made of solid materials which generate little heat and have an almost *indefinite life.* RCA uses cool operating solid state devices for greater reliability.



## Lower operating costs

A solid state device requires less power to operate than does a tube. The RCA Solid State AccuColor Chassis requires approximately 35% less electrical power to operate than does the best RCA chassis using tubes. Since the average TV viewer watches television 6 hours per day, you can see why the savings on the electrical bills can be an important factor over the time you own a solid state set.

## No warm-up wait

Solid state devices end warm-up wait. You get picture and sound immediately.

# What are the consumer benefits of the RCA Solid State/Modular AccuColor Chassis?

## • Easier Service

Snap-out/Plug-in AccuCircuit modules are relatively small and easily accessible. There are no connecting prongs to bend or break during replacement. Their special design assures easier isolation and repair of many problem areas (should they occur).

## • Greater Reliability

Solid state devices, unlike tubes, are made of solid materials which generate little heat and offer greater reliability.

## • No Warm-Up Wait

Solid state devices end warm-up wait. You get picture and sound immediately.

## • Lower Operating Costs

The RCA Solid State/Modular AccuColor Chassis requires 35% less electrical power to operate than does the best RCA chassis using tubes. This can represent an important cost savings over the time you own a solid state set.

RCA

PRODUCED BY THE RCA SALES TRAINING DEPARTMENT