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Bill Krier
Editor in Chief, WOOD magazine

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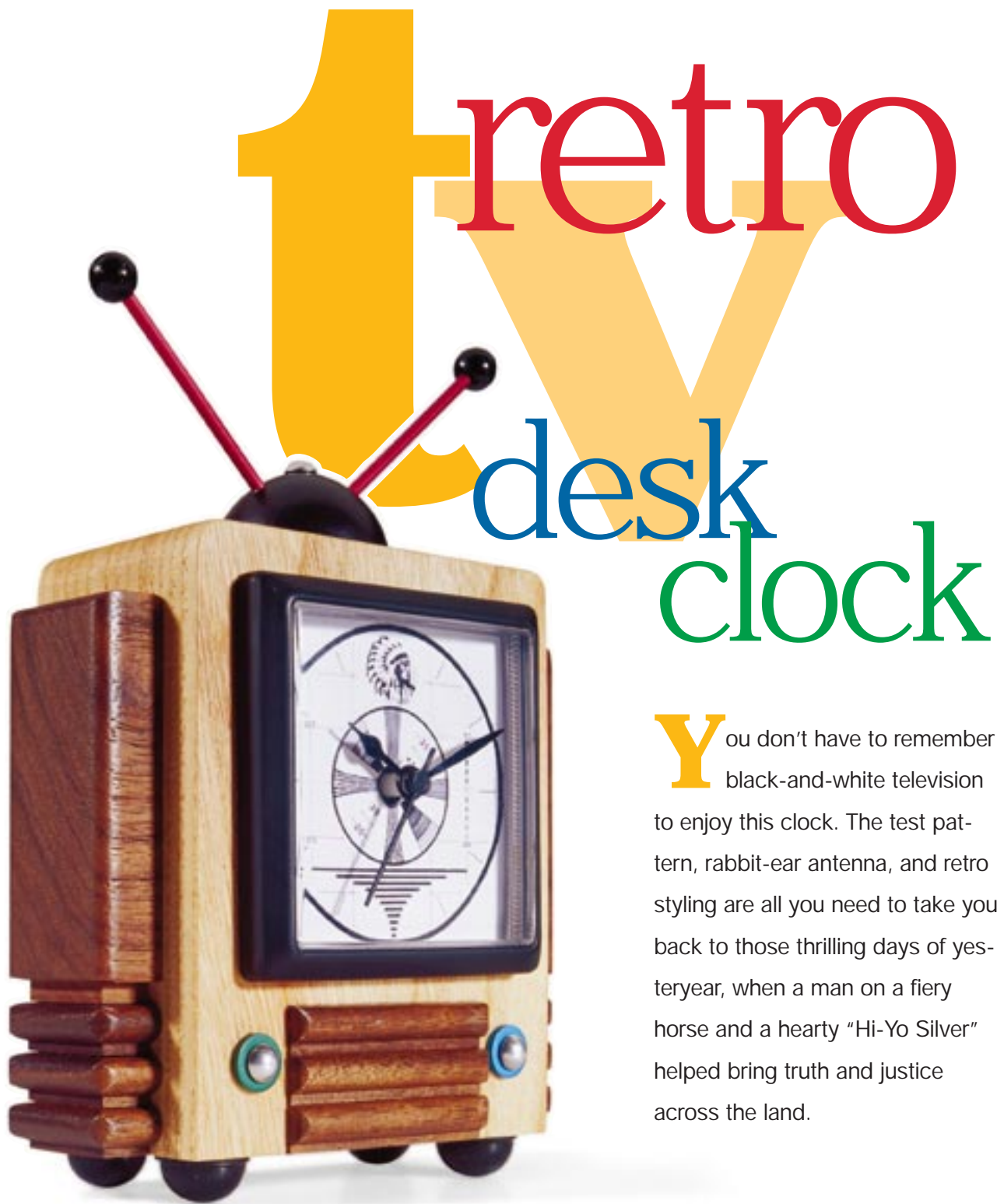
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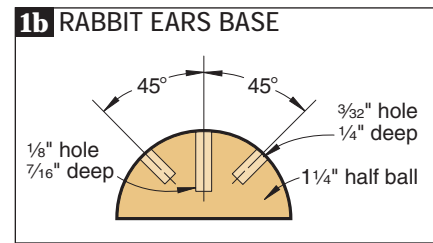
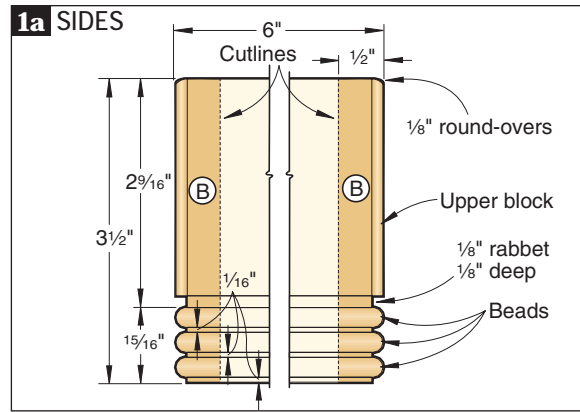
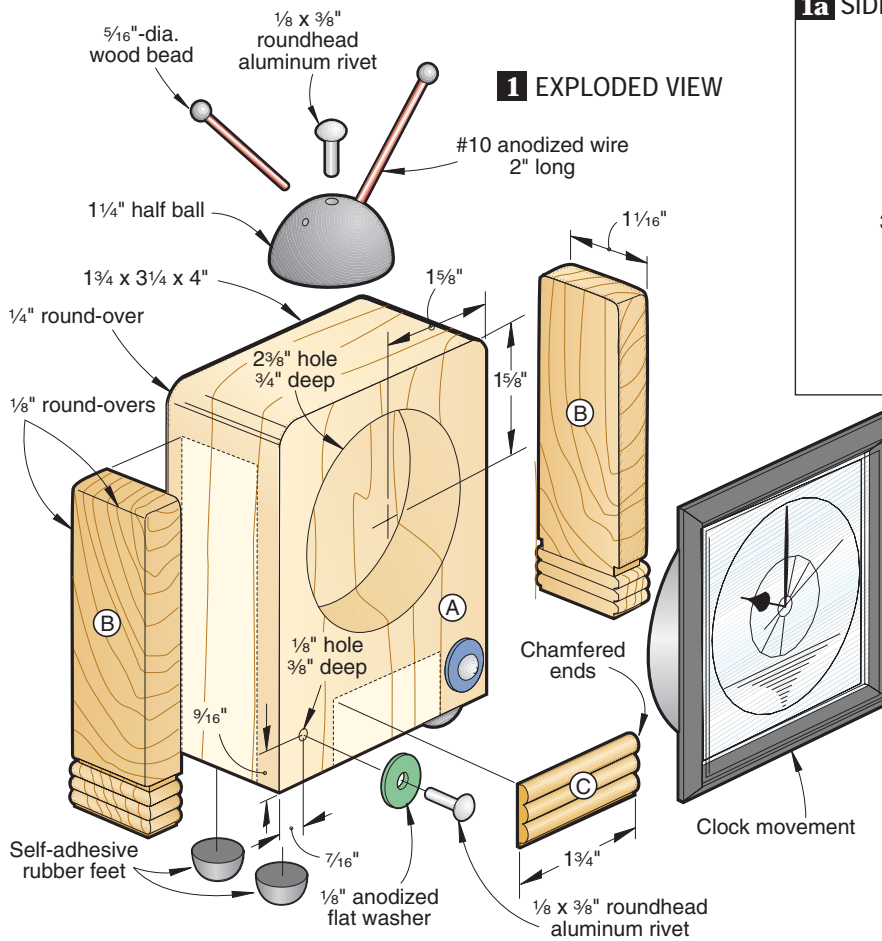
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You don't have to remember black-and-white television to enjoy this clock. The test pattern, rabbit-ear antenna, and retro styling are all you need to take you back to those thrilling days of yesteryear, when a man on a fiery horse and a hearty "Hi-Yo Silver" helped bring truth and justice across the land.

Turn up the tint on your retro TV.

Is clear-finished wood too tame for you? Try coloring the ash body with aniline dye. (Aniline dyes in dozens of colors ranging from flamingo pink to vivid green are available from most woodworking supply catalogs. See the Buying Guide.) Then top coat with spray lacquer. Spray-paint the sides and front panel black. With the finishes dry, use 5-minute epoxy to assemble the parts.



materials list

Part	FINISHED SIZE			Matl.	Qty.
	T	W	L		
A body	1 3/4"	3 1/4"	4"	A	1
B* sides	1/2"	1 1/16"	3 1/2"	W	2
C* front panel	3/16"	1 5/16"	1 3/4"	W	1

*Parts initially cut oversize. See the instructions.

Materials Key: A—ash, W—walnut.

Supplies: Gloss black spray paint, clear satin spray finish, glue, epoxy.

Buying Guide

Hardware: Clock movement, self-adhesive rubber feet (4), 1/4" half ball, 5/16" predrilled beads (2), 1/8x3/8" roundhead aluminum rivets (3), #10 anodized aluminum wires (2), 1/8" anodized aluminum flat washers (2). Order kit no. TV, \$18.95 ppd. for one kit or \$79.75 for five kits from Schlabaugh and Sons Woodworking, 720 14th Street, Kalona, IA 52247, or call 800/346-9663.

Aniline Dye. Call Woodworker's Supply, 800/645-9292 for a catalog.

Note: For the movement, knobs, and rabbit ear parts, see the Buying Guide.

First, make the clock body

1 Cut the clock body (A) to the size listed in the Materials List. We made ours from 1 3/4"-thick stock. You also can glue up thinner stock.

2 Drill a 2 3/8" hole 3/4" deep in the body (A) for the clock insert, where shown on Drawing 1. We used a Forstner bit. If you don't have this size bit, cut the hole in a 3/4x3/4x4" blank with an adjustable circle cutter. Glue the blank to a slightly





A Glue and clamp the beaded parts and the upper block together, keeping the ends and edges flush.



B An extension attached to your miter gauge eliminates chip-out when cutting the sides (B) from the glued-up blank.



C After separating the upper block from the beads, mark a cutline and bandsaw a $\frac{3}{16}$ "-thick blank for part C.

larger piece of 1"-thick stock, sanding the edges flush when the glue dries.

3 Drill the holes for the "volume control" and "channel changer" knobs, where shown on **Drawing 1**.

4 Mark the radii, and round over the top corners of the body (A) on your stationary disc sander. Finish-sand the body to 220 grit.

Now for some bead work

1 To form a blank for the beaded portion of the sides (B) and front panel (C), rip three strips of walnut $\frac{5}{16} \times 1\frac{1}{16} \times 6$ ". Chuck a $\frac{1}{8}$ " round-over bit in your table-mounted router, and rout the strips, where dimensioned on **Drawing 2**. Begin by rounding over the ends, then the edges of one side of all three pieces with the bit set so the round-over comes smoothly to the face of the stock. Then raise the bit $\frac{1}{16}$ " to create a small step below the round-over, turn the pieces over, and rout the remaining edges.

2 Rip a piece of walnut $1\frac{1}{16} \times 2\frac{5}{16} \times 6$ " for the upper block portion of the

blank for the sides (B). Referring to **Drawing 1a**, rout $\frac{1}{8}$ " round-overs on the top and side edges of each end. Chuck a rabbeting bit in your table-mounted router, and rout a $\frac{1}{8}$ " rabbet $\frac{1}{8}$ " deep around the bottom edges.

3 Glue and clamp the three beaded upper block together to form a blank for parts B and C, as shown in **Photo A**.

4 When the glue dries, cut $\frac{1}{2}$ "-wide pieces from each end of the blank for the sides (B), as shown in **Photo B**.

5 To make the front panel (C), take the remaining blank from Step 4 and cut the upper block from the beaded portion. Now, slice off a strip of beading about $\frac{3}{16}$ " thick, as shown in **Photo C**. Sand the back flush, then cut part C to length. Sand a slight chamfer on the ends.

Build a pair of rabbit ears

1 From the hardware kit, select the half ball, two predrilled $\frac{5}{16}$ " beads, a $\frac{1}{8} \times \frac{3}{8}$ " aluminum rivet, and two

anodized aluminum wires. Drill the holes in the half ball, where shown on **Drawing 1b**.

2 Spray-paint the half ball and beads gloss black. With the paint dry, epoxy the rivet in the half ball's center hole. Epoxy the beads to the wires, and the wires into the half ball. (To eliminate waiting time, we used 5-minute epoxy.) Set the rabbit ears aside.

Assemble the clock

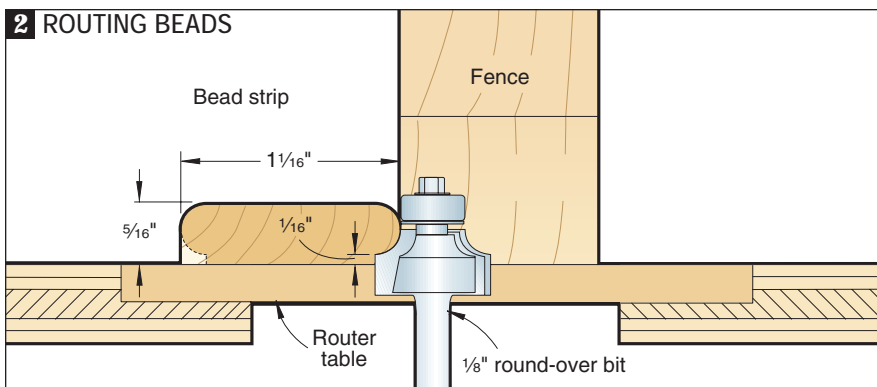
1 Finish-sand the body (A), sides (B), and front panel (C) to 220 grit. Glue and clamp the sides to the body, where shown on **Drawing 1**. Make sure the bottoms of the sides are flush with the bottom of the body and that the sides are centered front-to-back.

2 Glue and clamp the front panel to the body, keeping it flush at the bottom and centered between the holes for the control knobs.

3 Apply a clear finish. We sprayed on several coats of satin Deft from a spray can, sanding lightly with 320-grit sandpaper after the first coat.

4 Slip each of the other two rivets from the hardware kit through an anodized washer, and epoxy them into the holes on the front of the body. Epoxy the rabbit ears in place.

5 Apply the self-adhesive rubber feet to the bottom of the clock, then insert the clock movement. 🐇



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Photographs: **Baldwin Photography**
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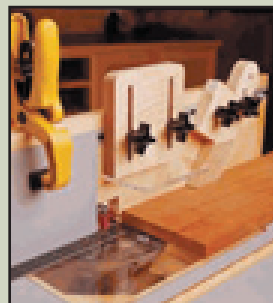


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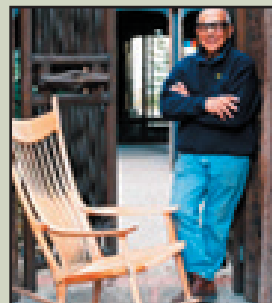
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