Do It Yourself

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Maple and Walnut CD Cabinet -- Finishing Touches

From "Wood Works"

episode WWK-202 -- More Projects »

The finishing steps in building the CD cabinet include adding the final piece of trim, the decorative door-handle and a tung-oil finish.

Materials:

Ebony stock

Brass dowel

Band saw

Hand-router; two-fluted bit

Hand-chisel

Riffler files

Carpenter's pencil

Epoxy glue

Tung-oil finish

Paint brushes

Rags

Note: Cut sizes may vary. For exact measurements, please contact David Marks through his Web site -- information below under Resources.

Safety Alert: *Always* wear safety goggles or safety glasses when working with power-tools, saws, drills, routers, etc.

Final Trim Piece

Steps:

- With the door attached, the fourth piece of corner trim can be installed. This piece, however, must fit over the brass hinges.
 Marks are laid out (figure A) for cutting notches in the trim.
- 2. As with the door and cabinet, the notches in this piece of trim are cut out using a hand-router and two-flute carbide bit.



The maple and walnut CD case adds a bit of class to a functional accessory.



The black-walnut detailing of the top, base and corner trim provides a rich contrast to the golden maple of the cabinet.



Figure A

- 3. Once the notches are routed out, the corners are squared up using a hand-chisel (**figure B**).
- 4. Once the notches are cut, the last piece of trim can be glued (figure C).
- 5. It's places in position (**figure D**) where it covers the hinges and is attached only to the door -- so that it can move when the door is opened.
- The glued assembly is clamped securely while the glue dries(figure E).

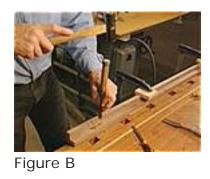




Figure C

Figure D



Figure E



Figure F

Decorative Door-Handle

For a finishing touch, a door-handle shaped like a musical note (**figure F**) is hand-shaped out of ebony.

Steps:

- The design is drawn on the ebony stock and is cut out using the band saw (figure G).
- Once cut out, the decorative piece is shaped by hand using a variety of Riffler files (figure H).
- Pins are cut from brass dowels (figure I) to attach the piece to the door.
- Matching holes are drilled in the door and the handle (figure J) so that the handle can be attached using the brass pins.
- Epoxy glue is used to glue the handle in place.

Wood Finish

Safety Alert: *Always* wear protective gloves when working with wood stains and solvents.

• A tung-oil finish is selected for the finished piece.

- The oil is brushed on and rubbed into the wood (figure K). Four or five coats are applied.
- The tung oil heightens the contrast between the maple and black walnut.

When fully finished, the dark tones of the black walnut provide a rich frame for the light maple sections. The long, tapered corners add elegant accents, and the large angled frame on the top and base add substance and styling.



> <u>Click here</u> to order your tools and materials for this project from

Woodcraft!

RESOURCES:

Fine Woodworking

A magazine devoted to high-quality craftsmanship in woodworking.

The Taunton Press Inc Newtown, CT 06470 Phone: 203-426-8171

Fax: 203-426-3434

Email: service@taunton.com

The Small Wood Shop (The Best of Fine Woodworking)

Model: 1561580619

Author: Helen Albert (Editor)

Woodworking Techniques: Best Methods for Building Furniture from Fine Woodworking

Model: 1561583456

Author: Fine Woodworking Magazine

The Taunton Press Inc Newtown, CT 06470 Phone: 203-426-8171 Fax: 203-426-3434

Email: service@taunton.com

Fine Woodworking: Making Picture Frames

Author: Stuart Altshuler



Figure G



Figure H



Figure I



Figure J



Figure K

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Fax: 203-426-3434

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David Marks Website

David Marks, DIY's *Wood Works* host, is a master woodworker. For more information on cut sizes and project details, please contact him via his Website at www.djmarks.com

The Complete Woodworker's Companion

Model: 0823008665 Author: Roger Holmes

(1996)

Watson-Guptill Publications Lakewood, NJ 08701-9914

Phone: 908-363-5679

Fax: Private

Popular Woodworking Magazine (F & W Publications, Inc.)

F & W Publications, Inc. Cincinnati, OH 45207 Phone: 515-280-1721

Website: www.popularwoodworking.com

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Maple and Walnut CD Cabinet -- Walls and Trim

Maple and Walnut CD Cabinet -- Angled Base

Maple and Walnut CD Cabinet -- Top and Door

Maple and Walnut CD Cabinet -- Finishing Touches