

## 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:

1. 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.
6. The glued assembly is clamped securely while the glue dries(**figure E**).



Figure B



Figure C

## 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.



Figure D



Figure E



Figure F

## 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.

### Sponsored Resource

> [Click here](#) 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

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Fax: 203-426-3434

Email: [service@taunton.com](mailto: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

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#### Fine Woodworking: Making Picture Frames

Author: Stuart Altshuler



Figure G



Figure H



Figure I



Figure J



Figure K

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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](http://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](http://www.popularwoodworking.com)

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[Maple and Walnut CD Cabinet -- Angled Base](#)

[Maple and Walnut CD Cabinet -- Top and Door](#)

[Maple and Walnut CD Cabinet -- Finishing Touches](#)