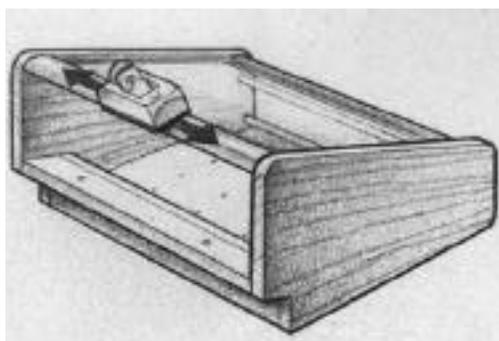


Rip acrylic panel to width, then slide into grooves and mark for length. Cut, then remove protective plastic from acrylic panel.



Slide acrylic into place, then nail upper support to sides. Using block plane, shape radius on support to match radius on sides.

This feeder was designed for great bird viewing, and you'll never have to leave your house to fill it. The fixed acrylic panel lets you see when to add seed, and because it's slanted, rain and snow run off easily.

The two dowel perches are spaced to allow small birds to enter while frustrating larger birds and squirrels.

Although many bird feeder and bird house plans call for redwood because of its weather resistance, we feel it is more appropriate to use red cedar. Red cedar is not an endangered hardwood, is very weather-resistant, and is also somewhat pest resistant. If you cannot use red cedar, plan to use pine treated with linseed oil. Avoid chemical-waterproofing products, which can contaminate bird seed.

To build our window feeder, begin by cutting the sides to rough size. Then establish the angle of the windowsill where you want to hang the feeder.

Draw a matching angle on the sides and cut out the notches. Cut the saw kerf grooves for the acrylic panel on a table saw, then glue in the bottom filler blocks to create stopped grooves.

Assemble the feeder case as shown.

Cut the acrylic to size and attach the lower support to it with a few dabs of epoxy cement. Slide the panel in place. You should have a 1/8-inch gap between feeder sides and the ends of the lower support strip to allow for water runoff. Install the upper support strip, shape it, and finish-sand the feeder.

MATERIALS LIST

KEY NO.	SIZE & DESCRIPTION (USE)
A	1 3/4 x 11-1/4 x 16-1/2" cedar (bottom)
B	1 3/4 x 2-3/4 x 16-1/2" cedar (back rail)
C	1 3/4 x 1-7/8 x 16-1/2" cedar (sill cleat)
D	2 3/4 x 9 x 16" cedar (side)
E	1 3/4 x 1-1/2 x 16-1/2" cedar (support)
F	1 3/8 x 3/4 x 16-1/4" cedar (support)
G	2 3/8" -dia. x 17-1/8" dowel (perch)
H	4 1/8 x 3/8 x 1" cedar (filler block)
I	1 1/10 x 14-1/4 x 17-1/8" acrylic sheet
J	1 3/4 x 4-1/2 x 10" cedar (supp. bracket)
K	1 3/4 x 16-1/2" cedar half-round molding
L	1 2" No. 10 flat-head screw
M	2 1-1/2" No. 10 flat-head screws
N	* 4d galvanized finishing nails
O	* 3/4" galvanized finishing nails

