The Boardman or entrance feeder is an essential beekeeping tool for feeding bees sugar syrups or medications at various times of the year.

Using nominal 1-by lumber (¾” actual thickness):
1. Cut one (1) 3¾” x 3¾” Square (Part A.).
2. Cut one (1) 4½” x 3¾” Square (Part B.).

From ¼” Laua board or plywood:
3. Cut one (1) 4½” x 3¾” Square (Part C.).

In Part A.:
1. Find the center.
   (Draw two lines to opposite corners, X marks the spot)
2. Drill a 2¼” hole through the center of the entire piece.

In Part B.:
1. Draw a line ¾” from one narrow edge.
2. Find the center of the large square. (Same as Part A. above).
3. Drill a 2½” hole through the center of the entire piece.
4. Using a tablesaw dado a ¾” wide slot 5/8” tall starting from the edge with the line all the way through to the 2½” hole.

Assembly
1. Nail Part A. to Part B using short nails or paneling tacks.
2. Screw Part C. to Parts A. & B. together.

Modification 1.
The entrance height on beekeepers equipment can vary. The plan provides for an entrance of about 1”.
Often times, entrances are only ¾” tall.
If this is the case for you equipment, Part C. can be omitted.
Part B. can be flipped upside down.
Care must also be taken to drill the 2½” hole only ½” deep.
Else this will provide a hole to the exterior of the hive.
Also take note of the entrance when drilling for this modification.

Modification 2.
Some users like a longer entrance.
The dimensions on Part B. can be lengthened by ¾”.
This should be sufficient for most people’s preferences.

Modification 3. (2-liter Mod)
With the prevalence of plastic 2-liter soda pop bottle here is a mod.
In Part A., drill a smaller (1½” hole) instead.