



## Custom Earbuds Magnetic Rigid Box Foam Tray Insert Printing With Soft Touch Finish

Our Product Introduction

for more products please visit us on [custom-packagingbox.com](http://custom-packagingbox.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: XL Packaging
- Certification: FSC, ISO 9001, REACH
- Model Number: XL-MGB-F02
- Minimum Order Quantity: 500 Pieces
- Price: USD 1.50 - 2.35 / Piece
- Packaging Details: Each box in OPP bag with tray in separate sleeve, 5 layer export carton under 18 kg
- Delivery Time: 12-18 working days after artwork approval; 3-5 days for samples
- Payment Terms: T/T, L/C at sight, PayPal, Trade Assurance
- Supply Ability: 800000 Pieces per Month



### Product Specification

- Box Structure: Rigid Magnetic Lid Box, Book Or Drawer Style
- Board Thickness: 1200-1500 Gsm Greyboard, 2.5 Mm Wall
- Tray Material: EVA Foam, Flocked EVA, PU Wrapped EVA, Molded Pulp
- Tray Thickness: 20-35 Mm, Density 45D Recommended
- Cutting Tolerance: Plus Or Minus 0.5 Mm CNC
- Closure Type: 2-4 Concealed Magnets, 800-1500 Gauss
- Surface Finish: Matte Or Soft Touch Lamination, Foil, Spot UV
- Printing: Offset CMYK Plus Pantone Spot Color
- Custom Size Range: 80x80x30 Mm To 350x300x100 Mm
- Eco Options: Recyclable Molded Pulp Tray, FSC Paper, Plastic Free Pack
- Highlight: Custom Airphone Box With Foam Tray, Magnetic Rigid Box Custom Printing, EVA Foam Insert Earbuds Packaging



### More Images



## Product Description

### Custom Earbuds Magnetic Rigid Box With Foam Tray Insert And Custom Printing

A magnetic box with foam tray is only as good as the fit of its cavity. If the tray is 2 mm too loose the earbuds rattle, if it is 2 mm too tight the customer cannot pull the product out. This custom earbuds packaging is built around a CNC cut tray engineered to your exact product drawing, wrapped in a printed rigid gift box that carries your brand on every shelf.

#### Free Dieline And Sample Plan Within 24 Hours

Get your personalized size and artwork solution, send inquiry for free quotation and sample support. Email: [betty@xlpackaging.com](mailto:betty@xlpackaging.com)

### Product Overview

The rigid gift box body is made from 1200 to 1500 gsm greyboard, wrapped in 157 gsm art paper with your full color artwork, then finished with matte lamination, foil stamping or spot UV. Hidden magnets hold the lid aligned so the box closes with a controlled snap instead of a loose flap, which is the difference between a luxury packaging box and a folding carton.

Inside, the foam tray is the real engineering. We cut EVA foam, flocked EVA, PU leather wrapped EVA or molded pulp trays on a CNC line with a tolerance of plus or minus 0.5 mm, so the charging case, the spare ear tips and the USB cable each sit in their own cavity. Velvet flocking keeps glossy plastic surfaces free of scratches, and a ribbon pull tab lets the customer lift the product without digging with a fingernail.

For brands shipping to the US and the EU, freight is usually the second largest cost after tooling. Our foldable rigid structure lets custom packaging boxes ship flat with the foam trays nested in separate cartons, which typically reduces shipping volume by 60 to 70 percent compared with pre-assembled boxes. Importers use the saved space for extra SKUs in the same container, and small brands use it to keep air freight affordable.

### Key Features And Buyer Benefits

| Feature                    | Specification                                                                   | Benefit To Your Brand                                                           |
|----------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| CNC Cut Foam Tray          | EVA, flocked EVA, PU wrapped EVA or molded pulp, tolerance plus or minus 0.5 mm | Product sits exactly in place, no rattle in transit and no struggle at unboxing |
| Double Layer Tray Option   | Top tray for the earbuds, bottom cavity for cable and manual                    | Everything in one box, fewer loose parts in the carton and fewer complaints     |
| Hidden Magnetic Lid        | Two to four concealed magnets, matched pull force                               | A firm premium close that keeps the lid aligned even after hundreds of openings |
| Rigid Greyboard Body       | 1200 to 1500 gsm board with 2.5 mm wall                                         | Holds shape through air freight stacking and 1.2 m drop testing                 |
| Full Custom Printing       | CMYK offset plus Pantone, foil, spot UV, embossing                              | Brand artwork reproduced with consistent color across repeat runs               |
| Soft Touch Or Matte Finish | Soft touch lamination, matte or gloss aqueous varnish                           | Premium hand feel and fingerprint resistance for a black gift box finish        |
| Ribbon Or Finger Notch     | Satin ribbon pull tab or die cut finger notch                                   | Product lifts out cleanly, which reduces damage claims from customers           |
| Eco Conscious Options      | Recyclable molded pulp tray, FSC paper, plastic free pack                       | Supports retailer sustainability scorecards in the US and EU                    |
| Flat Packed Shipping       | Box shipped flat, tray nested separately                                        | Up to 70 percent lower freight and warehouse volume                             |

### Technical Specifications

| Item | Specification |
|------|---------------|
|------|---------------|

| Item            | Specification                                                        |
|-----------------|----------------------------------------------------------------------|
| Structure       | Rigid magnetic lid box, book style or drawer style                   |
| Board           | 1200 to 1500 gsm greyboard, 157 gsm art paper wrap                   |
| Surface         | Matte or soft touch lamination, foil, spot UV, embossing             |
| Tray Material   | EVA foam 20 to 35 mm, flocked EVA, PU leather EVA, molded pulp       |
| Tray Tolerance  | Plus or minus 0.5 mm on CNC cutting                                  |
| Closure         | 2 to 4 concealed magnets, 800 to 1500 gauss each                     |
| Printing        | Offset CMYK, Pantone, screen printing for solid colors               |
| Size Range      | 80 x 80 x 30 mm up to 350 x 300 x 100 mm                             |
| MOQ             | 500 pcs with stock tray, 1000 pcs for a custom cavity                |
| Tooling         | Free dieline, cavity drawing support, one time sample mold if needed |
| Sample Time     | 3 to 5 working days                                                  |
| Production Time | 12 to 18 working days after artwork approval                         |
| OEM And ODM     | Supported, NDA and exclusive mold available                          |
| Certification   | FSC, ISO 9001, REACH, RoHS compliant materials                       |

## Application Scenarios: What Buyers Care About With A Magnetic Box With Foam Tray

| Application                                | Customer Concern                                                    | How Our Box Solves It                                                                                                                  |
|--------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Earbuds and charging case packaging        | Will the foam cavity actually fit my product without wobbling       | Cavity is CNC cut from your 3D drawing or a physical sample, held to plus or minus 0.5 mm, and a photo proof is sent before production |
| Electronics accessory kits                 | Cable, ear tips and adapter have nowhere to go and arrive scratched | Multi cavity tray with a separate sub layer keeps every part fixed and separated                                                       |
| Premium unboxing for online orders         | The box feels cheap when the customer opens it at home              | Rigid board, concealed magnets and flocked tray create a staged reveal that photographs well for reviews                               |
| Retail shelf display in electronics stores | Printed box edges scuff and the wrap starts lifting                 | 2.5 mm wall board and turned edge wrapping resist scuffing and humidity                                                                |
| Air freight shipments to the US and EU     | Freight cost per unit is too high for a bulky box                   | Flat packed box plus nested trays reduce shipped volume by 60 to 70 percent                                                            |
| Sustainable brand packaging                | Foam is seen as plastic waste by EU buyers                          | Recyclable molded pulp or paper honeycomb tray replaces EVA on request                                                                 |
| Limited edition and gift sets              | Foam looks industrial and the box does not match the price point    | Velvet flocked tray, satin ribbon and foil logo finish the box to gift standard                                                        |
| Repeat orders and SKU rollout              | Color drifts between production batches                             | Pantone match on board and tray, with a retained master sample for every reorder                                                       |

One honest note from our production floor: foam density matters more than foam thickness. A 25 mm 45D EVA tray holds a 110 g charging case better than a 35 mm 25D tray, and it saves height in the carton. Send us the product weight and we will recommend the right density instead of upselling thicker foam.

## Frequently Asked Questions

### Q1. What is the MOQ and is there a mold cost for the foam tray?

**A:** 500 pieces per design with a stock tray size, 1000 pieces for a fully custom cavity. Cavity programming is free. A physical sample mold, when needed, costs USD 60 to 120 and is credited back on your first bulk order.

### Q2. How do I know the foam cut will fit my earbuds exactly?

**A:** Send a 3D file, a technical drawing or a physical sample. We cut a first article tray and photograph the product seated in the

cavity for your approval before mass production. If the fit is wrong on our side, we redo it free.

### Q3. Which tray material should I choose, EVA or molded pulp?

**A:** EVA and flocked EVA give the best protection and the most premium look, and they suit electronics. Molded pulp is the right choice when your retailer or your market requires plastic free packaging. Both can be quoted side by side.

### Q4. How long does production take and can you meet a launch date?

**A:** 12 to 18 working days after artwork approval, plus 3 to 5 days for the sample. For confirmed launch dates we book production capacity in advance and provide a written delivery schedule with the PI.

### Q5. Can you print our artwork on a black box with gold foil?

**A:** Yes. Black board or black printed wrap with gold, silver or rose gold foil is our most requested combination for audio products. We send a foil strike test photo so you can judge the coverage before bulk.

### Q6. Do you offer DDP shipping and who handles the customs duty?

**A:** We quote DDP door to door to US and EU addresses, with duty and clearance handled by our forwarder. Door delivery usually takes 20 to 30 days after shipment, and we share tracking until the goods arrive.

### Q7. What are the payment terms for a first order?

**A:** 30 percent deposit with the order and 70 percent before shipment. T/T, L/C at sight, PayPal and Trade Assurance are accepted. Repeat buyers can apply for net 30 terms after three completed orders.

### Q8. Can I get a sample before committing to a full production run?

**A:** Yes. We make a pre-production sample with the real board, magnets and tray in 3 to 5 working days. You pay the sample cost and courier freight, and the sample cost is refunded against your bulk order.

### Q9. How do you protect the boxes during shipping?

**A:** Each box is bagged, hanger and corners are protected, and cartons are 5 layer K equal K with a weight cap of 18 kg. We add pallets or corner boards for LCL and air shipments on request.

## Packing And Logistics

| Stage              | Packing Or Shipping Method                                         | Time And Details                                         |
|--------------------|--------------------------------------------------------------------|----------------------------------------------------------|
| Individual packing | Each box in a clear OPP bag, foam trays packed in separate sleeves | Completed together with final inspection                 |
| Inner carton       | 25 boxes per inner carton, trays counted and matched per set       | 1 working day                                            |
| Master carton      | 5 layer K equal K export carton, 100 to 200 boxes per carton       | 1 working day, gross weight under 18 kg                  |
| Pallet option      | Fumigation free plywood pallet with corner boards and stretch film | 2 working days, recommended for LCL and air cargo        |
| Sample dispatch    | DHL, FedEx or UPS express with tracking                            | 3 to 5 working days door to door                         |
| Bulk production    | Printing, lamination, die cutting, tray cutting, assembly, QC      | 12 to 18 working days after artwork approval and deposit |
| Air freight        | Shenzhen or Hong Kong airport to destination airport               | 7 to 10 days, suitable for launch quantities             |
| Sea freight        | LCL or FCL from Shenzhen, Ningbo or Yiwu                           | 25 to 35 days port to port, best unit cost for volume    |
| Door to door DDP   | Duty paid delivery to your warehouse or Amazon FBA                 | 20 to 30 days to US and EU destinations                  |

| Stage                    | Packing Or Shipping Method                                       | Time And Details                             |
|--------------------------|------------------------------------------------------------------|----------------------------------------------|
| Documents and compliance | Invoice, packing list, B/L or AWB, CO, FSC, material declaration | Issued within 2 working days after departure |

## Customization Process From Inquiry To Delivery

| Step                          | What We Do                                                       | Timeline                                | What You Should Note                                                                                           |
|-------------------------------|------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 1. Inquiry                    | Review product, size, quantity, artwork and destination market   | Reply within 12 hours                   | Share the product weight and 3D file, it decides the tray density and cavity depth                             |
| 2. Solution and quotation     | Recommend box structure, tray material and finish, then quote    | Within 12 hours                         | Ask for a side by side quote of EVA and molded pulp if sustainability is a factor                              |
| 3. Dieline and cavity drawing | Free dieline for the box and a cavity layout drawing             | 1 to 2 working days                     | Confirm magnet position, opening direction and clearance around the product                                    |
| 4. Artwork proof              | Digital proof, 3D render and color reference under D65 light     | 2 working days                          | Check barcode, text size, logo position and 3 mm bleed on all printed panels                                   |
| 5. Pre-production sample      | Physical box with real board, magnets, printed wrap and tray     | 3 to 5 working days                     | Test the fit yourself, check magnet pull and tray grip before you approve                                      |
| 6. Approval and deposit       | Sample card signed off, 30 percent deposit received              | 1 to 2 working days                     | Keep the approved sample card number, it becomes the QC standard for bulk                                      |
| 7. Mass production            | Printing, lamination, die cutting, tray CNC cutting and gluing   | 12 to 18 working days                   | Request weekly photo updates, artwork changes are free before printing begins                                  |
| 8. Inspection                 | AQL 2.5 inspection, drop test, magnet force and tray fit recheck | 1 to 2 working days                     | Read the inspection report and video before releasing the balance payment                                      |
| 9. Balance and shipping       | Balance invoice, booking, customs documents and tracking         | 2 to 3 working days                     | Confirm HS code and consignee details early to avoid port delays                                               |
| 10. Delivery and after sales  | Arrival confirmation, defect handling and reorder file kept      | 3 to 35 days depending on shipping mode | Inspect within 7 days of arrival and send photos for any claim, files are kept for two years for easy reorders |

### Start Your Foam Tray Packaging Project Today

Get your personalized size and artwork solution, send inquiry for free quotation and sample support. Email: [betty@xlpackaging.com](mailto:betty@xlpackaging.com)

Send your product drawing, target quantity and artwork and we will come back with a cavity layout, a printed dieline, a quotation and a sample schedule within one working day. If you are still comparing suppliers, ask us for the tolerance and foam density of any quote you receive. Those two numbers decide whether the tray protects your product or just fills space.



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