

# LONDON BASS TRAP

## INSTALLATION MANUAL



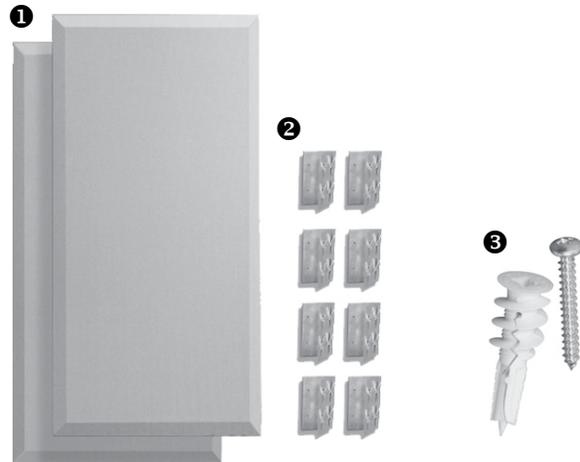
**Congratulations** on purchasing the Primacoustic London™ Bass Trap kit from Primacoustic. The London BT kit contains a pair of easy to install corner mounted acoustic panels that when installed correctly, provide effective absorption down to 100Hz. The London BT kit is also Class-1 fire rated, which means they are ideally suited to provide acoustic control in applications as diverse as home theater, practice rooms, houses of worship, offices, call centers, and recording studios. Please take a few minutes to read through this install manual. It includes a list of parts as well as step by step mounting instructions. Please refer to [www.primacoustic.com](http://www.primacoustic.com) for various placement options, benefits, and general room acoustic information. Should you have any questions or comments, we invite you to send us an email at [info@primacoustic.com](mailto:info@primacoustic.com).

### BOX CONTENTS:

Before beginning assembly, please take a moment to familiarize yourself with the box contents.

Ref.# (Qty.) Description:

- ❶ (2) 24" x 48" x 2" Broadway Broadband panels. Corner traps to reduce excessive bass and absorb primary reflections.
- ❷ (8) Corner impaler mounting clips.
- ❸ (1) Mounting kit including 16 wall anchors and screws.



### TOOLS REQUIRED

- Bubble level
- Phillips #2 screw driver
- Power drill + 1/4" Drill bit



### SPECIFICATIONS

<b>SURFACE COVERAGE AREA</b>	16 sq/ft (1.5 sq/m) total surface area of all panels
<b>CORE MATERIAL</b>	Formed, semi rigid inorganic glass fibers; Density = 6.0 lbs. (2.72kg/m3) per cubic foot
<b>FABRIC FACING</b>	Acoustically transparent polyester; Color code: Black=00, Beige=03, Grey=08

### FIRE & BURN TESTING

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05	1 OR A	10-20 FSI	145-200 SD
CAN/UL-S102	1 OR A	10-20 FSC1	145-200 SD

Test data provided by Bodycote Materials Testing Inc. This method, designated as ASTM E 84-05, "Standard Method of Test for Surface Burning Characteristics of Building Materials", is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition. Broadway panels have been tested to meet the most stringent ASTM and CSA testing requirements for the USA and Canada. For international customers, please consult your local building authority for proper cross-compatibility specifications.

### WARRANTY

Please inspect panels immediately after purchase and before mounting. Primacoustic Broadway acoustic panels are guaranteed to be free of manufacturing defects for a period of thirty (30) days after purchase. In the unlikely event that a defect is uncovered, please call 604-942-1001 to obtain a RA number (Return Authorization number) from Primacoustic before the thirty (30) day warranty period expires. Once you have obtained a RA number you must return the product, freight prepaid, within fifteen (15) days after the date the RA number is issued. Please return the product in the original packaging (or another, affording an equal degree of protection) with all of the following: (1) RA number clearly marked on the returned package; (2) a receipt or bill of sale showing proof of purchase from an authorized retail seller; and (3) a written note describing the defect and including your name, address, telephone number and the applicable RA number. You are solely responsible for all shipping and insurance costs for returning the product to Primacoustic, and you will not be reimbursed or compensated for any loss or damage incurred during return shipping. Primacoustic will at its discretion repair or replace the panel. Should the panel be no longer available, Primacoustic reserves the right to exchange this with a panel of similar performance and value. Due to different dye lots, Primacoustic cannot guarantee exact color match. This Warranty shall solely extend to the original owner and is limited to manufacturing defects only and excludes damage due to improper installation, freight handling, wear and tear, abuse, misuse, misapplication, color fading or deterioration due to prolonged exposure to ultra violet light, smoke, humidity or other environmental factors. It is understood that the use and suitability of Broadway is entirely the responsibility of the buyer or specifying engineer and as such, these parties agree to hold Primacoustic, or its associated company, and/or officers, harmless from any responsibility whatsoever other than what is clearly outlined in this warranty.

**INSTALLING CORNER BASS TRAP PANELS**

Primacoustic corner impalers make it easy to mount the 24" x 48" Broadband panels across room corners to form effective bass traps. Like the surface impaling clips, the corner impalers feature sharp tips that penetrate the panel and hold it securely in place.

**Step 1:** At the approximate panel location mark a vertical pencil line 17" (432mm) out from the corner on either side.

**Step 2:** Mark the screw/anchor locations for corner impalers along the edge of the pencil line. Corner impalers should be approximately 6" - 8" from the panel top/bottom edges.

**Step 3:** Install the included wall anchors for each corner impaler. Using the 1/4" bit, drill a 1.75" (4.5 cm) deep hole and insert the plastic anchors. Use the included screw to mount the corner impalers. Special holes in the impaler clips allow your screw driver to pass through.

**Step 4:** Once the corner impalers are in place, carefully rotate the sharp impaling tips so they all point up at a 45° angle.

**Step 5:** Lift the panel so it is in contact with all of the corner impaler tips. Once you have it lined up squarely, apply even pressure in and down onto the clips. The panel will sink down about one inch. If alignment is off, the panel may be nudged up to 1/4" to make it level.

