

FREQUENCY
HORN

T-5-D Design
Model X-5

Paul W. Klipsch

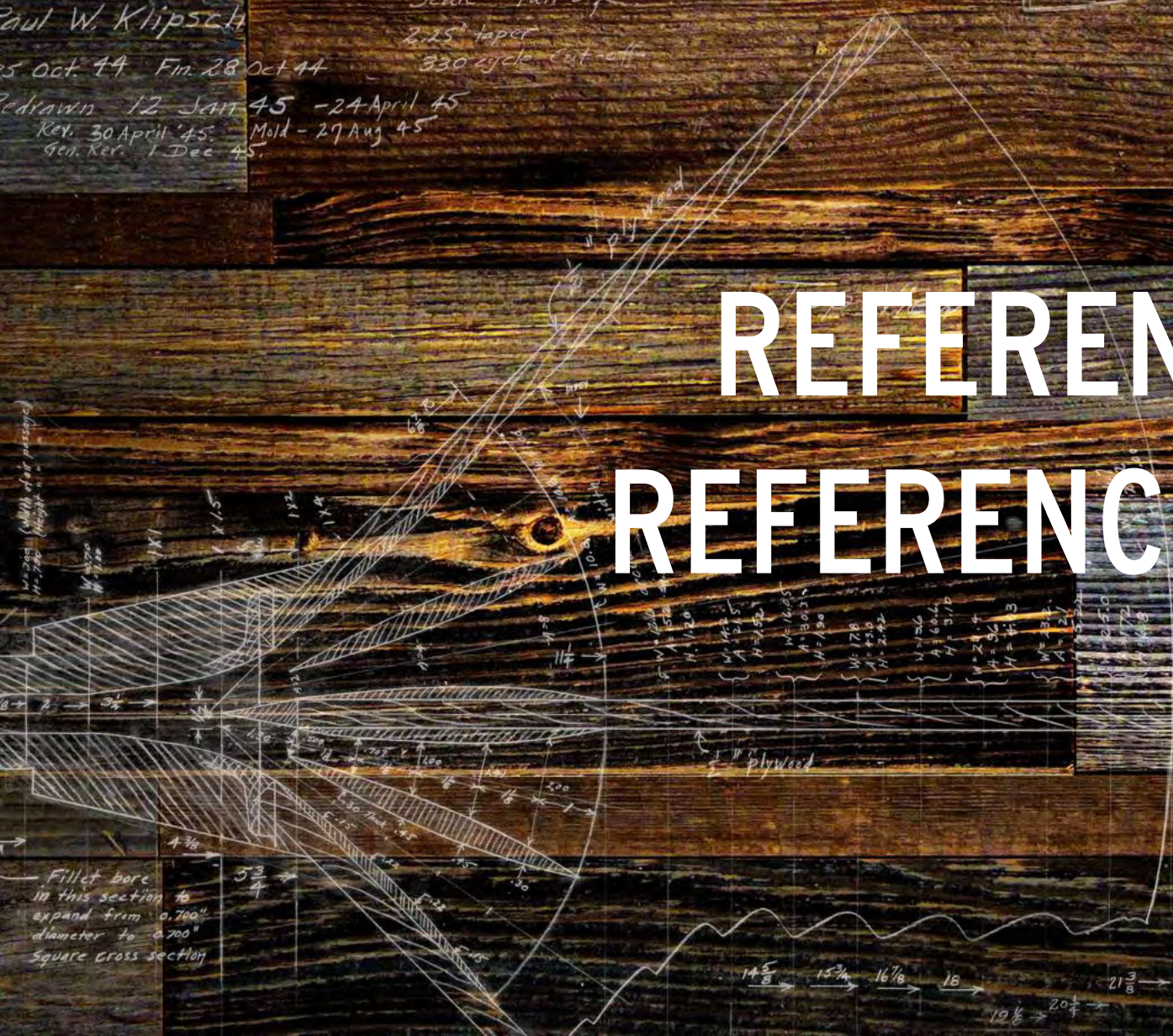
5 Oct. 44 Fin. 28 Oct 44

redrawn 12 Jan 45 - 24 April 45
Rev. 30 April '45 Mold - 27 Aug 45
Gen. Rev. 1 Dec 45

Scale - full size
2.25" taper
330 cycle cut off



REFERENCE & REFERENCE SUBS



REFERENCE SERIES

HIGHLIGHTS

Modern Materials and Technology

- New Tractrix horn improves coverage and bandwidth
- LTS tweeter and phase plugs ensure greater accuracy
- Rear Tractrix ports produce powerful bass
- New 1" aluminum compression driver – more rigid diaphragm surround material reduces resonance
- Injection Molded Graphite (IMG) cones are lightweight and stiff to reduce distortion



Klipsch

REFERENCE SERIES

HIGHLIGHTS

Sleek, contemporary appearance

- Classic style with thin border edge
- Copper fasteners
- New injection molded angled feet/base design
- Low-profile, full length, magnetic grille
- New vinyl finish is less susceptible to scratches
- Injection molded trim rings



Klipsch

REFERENCE ASSORTMENT



R-625FA
Dual 6 ½" Atmos



R-820F
Dual 8" Floor



R-620F
Dual 6 1/2" Floor



R-610F
Single 6 ½" Floor



R-51M
Single 5 1/4" Book



R-41M
Single 4" Book



R-41SA
Single 4" Surround
Functions as surround or
Atmos elevation speaker



R-34C
Quad 3 ½" Center



R-52C
Dual 5 ¼" Center



R-100SW
10" Powered Subwoofer



R-120SW
12" Powered Subwoofer

Klipsch

SKU ASSORTMENT

Model	Replaces	Part Number	UPC	EAN
R-625FA BLK/GNM	R-26FA	1066236	743878036183	0743878036183
R-820F BLK/GNM	R-28F	1066228	743878036107	0743878036107
R-620F BLK/GNM	R-26F	1066229	743878036114	0743878036114
R-610F BLK/GNM	R-24F	1066230	743878036121	0743878036121
R-51M BLK/GNM	R-15M	1066234	743878036169	0743878036169
R-41M BLK/GNM	R-14M	1066233	743878036152	0743878036152
R-34C BLK/GNM	NEW	1066232	743878036145	0743878036145
R-52C BLK/GNM	R-25C	1066231	743878036138	0743878036138
R-41SA BLK/GNM	R-14SA	1066235	743878036176	0743878036176
R-100SW BLK/GNM CE	R-10SW CE	1065958	743878036206	0743878036206
R-120SW BLK/GNM CE	R-12SW CE	1065960	743878036220	0743878036220

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Top View

R-41PM & R-51PM

W=300 (width of horn)
H=750 (height)



KEY PRODUCT SELLING POINTS

R-41PM and R-51PM



POWERED REFERENCE

40W-60W per channel, aluminum LTS tweeter, Tractrix horn

ALL-IN VERSATILITY

Plug into anything source, add a subwoofer, and control using the included remote

BLUETOOTH 4.0

Play anything from your smartphone or tablet seamlessly featuring aptX



TURNTABLE READY



SMARTPHONE READY



COMPUTER READY



TV READY



SUBWOOFER READY



REMOTE INCLUDED



NO RECEIVER NEEDED

Klipsch®



	R-14PM	R-15PM
Power	40W x 2	60W x 2
Bi-amp		
Tweeter in horn	3/4"	3/4"
Woofer	1 x 4"	1 x 5.25"
Bluetooth 4.0	√	√
USB & Optical	√	√
RCA w/ Phono + 3.5mm aux	√	√
Sub-out	√	√
Accessories	Remote Speaker wire, USB A→B cable	Remote Speaker wire, USB A→B cable Optical cable
Availability	July	September

The left side of the slide features a vertical strip with a wood grain texture. At the top is a circular logo with a stylized 'K' and 'S' inside, and the text '1946' and 'HOPE' around it. At the bottom is the 'Klipsch' brand name in a bold, white, sans-serif font.

R-41PM and R-51PM

UPDATES AND CHANGES

Changes from existing line (excluding upgrades inherited from passive):

R-41PM

- Remove 3.5mm cable

R-51PM

- Add 10W/channel
- New remote (R-14PM version)
- Remove RCA cable

R-41PM and R-51PM

REMOTE UPGRADE

OLD
R-15PM



NEW
R-51PM

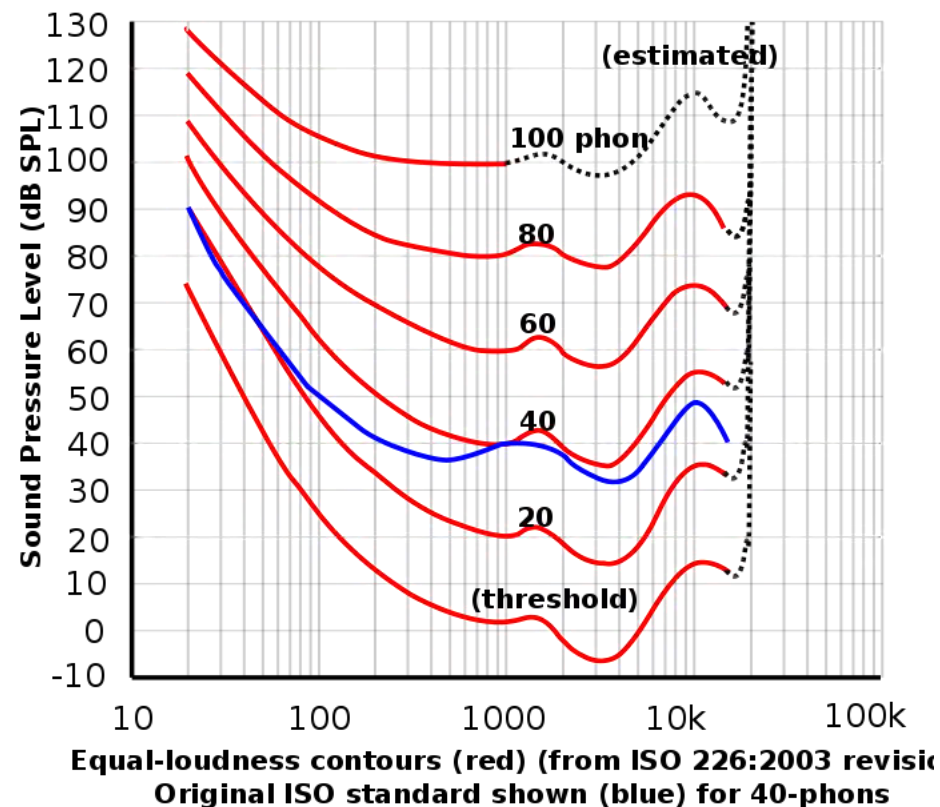


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R-41PM and R-51PM

DYNAMIC BASS EQ

As the human ear perceives frequencies differently with variations in output, the new R-41PM/R-51PM will dynamically match the ear's ability to hear lower frequencies. Typically only available with audio/video receivers, dynamic volume is a first for Klipsch powered monitors.



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Top View

REFERENCE PREMIERE

W=300 (width of horn)
H=750 (height)



REFERENCE PREMIERE II

UPDATES & HIGHLIGHTS

NEW

- New vented 1" titanium tweeter reduces retral standing waves in diaphragm for cleaner highs
 - Satin painted baffles for more premium finish
 - Copper accented trim rings accentuate drivers
 - Cast aluminum feet on floorstanders
 - Ultra compact 4" models
 - Pair packing of surrounds reduces inventory issues and reduces cost
-
- Silicon composite coating reduces horn resonance for smoother midrange
 - Rear Tractrix ports produce powerful bass
 - LTS tweeter ensures greater accuracy
 - Cerametallic woofers are exceptionally light and rigid for maximum efficiency and clean low mids



Klipsch

SKU ASSORTMENT



RP-8060FA FLOOR

EACH

- MAIN CHANNEL
- 2 x 8" Woofers
 - 1" Tweeter

DOLBY ATMOS CHANNEL

- 6.5" Woofer
- 1" Tweeter



RP-8000F FLOOR

EACH

- 2 x 8" Woofers
- 1" Tweeter



RP-6000F FLOOR

EACH

- 2 x 6.5" Woofers
- 1" Tweeter



RP-5000F FLOOR

EACH

- 2 x 5.25" Woofers
- 1" Tweeter



RP-4000F FLOOR

EACH

- 2 x 4.5" Woofers
- 1" Tweeter

NEW CONFIGURATION



RP-600M MONITOR

PAIR

- 6.5" Woofer
- 1" Tweeter



RP-500M MONITOR

PAIR

- 5.25" Woofer
- 1" Tweeter



RP-400M MONITOR

PAIR

- 4.5" Woofer
- 1" Tweeter

NEW CONFIGURATION



RP-504C CENTER

EACH

- 4 x 5.25" Woofers
- 1" Tweeter



RP-404C CENTER

EACH

- 4 x 4.5" Woofers
- 1" Tweeter



RP-600C CENTER

EACH

- 2 x 6.5" Woofers
- 1" Tweeter

NEW CONFIGURATION



RP-500C CENTER

EACH

- 2 x 5.25" Woofers
- 1" Tweeter



RP-400C CENTER

EACH

- 2 x 4.5" Woofers
- 1" Tweeter

NEW CONFIGURATION



RP-250S II SURROUND

PAIR

- 2 x 5.25" Woofers
- 2 x 1" Tweeter



RP-240S II SURROUND

PAIR

- 2 x 4.5" Woofers
- 2 x 1" Tweeter



RP-140SA II SURROUND

PAIR

- 4.5" Woofer
- 1" Tweeter
- Can Function as wall mounted surround or Atmos topper



Klipsch®

REPLACEMENT SKUs

TYPE	CURRENT	NEW
Dual 8" Floor with Atmos	RP-280FA	RP-8000FA
Dual 8" Floor	RP-280F	RP-8000F
Dual 6.5" Floor	RP-260F	RP-6000F
Dual 5.25" Floor	RP-250F	RP-5000F
Dual 4" Floor	-	RP-4000F
Single 6.5" Monitor	RP-160M	RP-600M
Single 5.25" Monitor	RP-150M	RP-500M
Single 4" Monitor	-	RP-400M
Quad 5.25" Center	RP-450C	RP-504C
Quad 4" Center	RP-440C	RP-404C
Dual 6.5" Center	-	RP-600C
Dual 5.25" Center	RP-250C	RP-500C
Dual 4" Center	-	RP-400C
Quad 3" Center	-	-
Dual 5.25" Surround	RP-250S	RP-502S
Dual 4" Surround	RP-240S	RP-402S
Single 4" Surround/Atmos	RP-140SA	RP-400SA