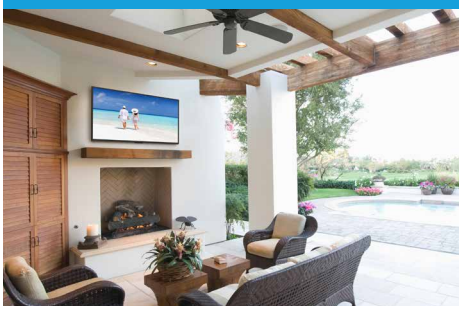
NEPTUNE™
Shade Series Outdoor TV
by Peerless-AV®

55", 65" & 75" Neptune™ Shade Series Outdoor TVs

NT552
NT652
NT752



The Neptune™ Shade Series Outdoor TV is an all-season solution for outdoor entertainment and living. This outdoor TV is all weather rated, maintenance-free and has an operating temperature range of -22°F - 122°F (-30°C - 50°C). With 4K resolution and an IPS panel, Neptune meets the full UHD specifications, providing exceptional color and video quality from any viewing angle. The input compartment and built-in IR repeater provide safe storage and IR control for small video equipment. Whether you want an outdoor TV on your backyard patio or under the gazebo, quality outdoor entertainment is now a reality with Neptune.

All Weather Rated

Operating Temperature Range:
-22°F - 122°F (-30°C - 50°C)

- IPS panel allows for accurate color representation when viewing off axis
- USB media support allows still images, video and audio to be played from an attached USB flash drive
- Supports HDMI 2.0 and HDCP 2.2 for increased compatibility with 4K sources
- Sealed cable entry helps prevent water and debris from getting inside
- Outdoor IR Learning Remote allows for up to two additional 3rd party devices to be learned and controlled
- Internal speakers provide excellent sound without detracting from the TV's aesthetics
- Includes a Neptune™ Outdoor Tilting TV Wall Mount to provide a secure installation

MAINTENANCE-FREE DESIGN
No need to ever change filters

OPTIMIZED USING freePATH TECHNOLOGY
Allows WiFi signal to penetrate for SMART TV device connectivity

HDR PANEL TECHNOLOGY
Portrays a more realistic image with higher contrast and truer color representation

BUILT-IN IR REPEATER
Allows for IR control of 3rd party devices

Includes Outdoor Tilting TV Wall Mount

Includes Outdoor IR Learning Remote

RoHS FC IP cULus

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peerless-AV®
Driving Technology Through Innovation

Models

WARRANTY: 2 year

NT552	55" Neptune™ Shade Series Outdoor TV
NT652	65" Neptune™ Shade Series Outdoor TV
NT752	75" Neptune™ Shade Series Outdoor TV

LCD Display

SCREEN SIZE	NT552: 55" Class (54.64" Diagonal) NT652: 65" Class (64.53" Diagonal) NT752: 75" Class (74.52" Diagonal)
ASPECT RATIO	16:9
RESOLUTION	3840 x 2160
HIGH DYNAMIC RANGE (HDR)	HDR10
BRIGHTNESS	500cd/m²
COLOR DEPTH	10Bit (1.07 Billion Colors)
COLOR GAMUT	72% NTSC
VIEWING ANGLE	178° Vertical/Horizontal
REFRESH RATE	60Hz
OPERATING TIME	8/7

Environmental

STORAGE AND OPERATING TEMPERATURE	-22°F - 122°F (-30°C - 50°C)
IP RATING	IP54
SAFETY/EMC	FCC Class B

Power

AC INPUT	100 VAC to 240 VAC, 50 to 60 Hz	
POWER CONSUMPTION	NT552:	Maximum: 138W, Standby:<0.5W
	NT652:	Maximum: 170W, Standby:<0.5W
	NT752:	Maximum: 265W, Standby:<0.5W
AUDIO OUTPUT	2x 8W	

Mechanical

SIZE (W x H x D)	NT552:	49.09" x 28.54" x 3.11" (1247 x 725 x 79mm)
	NT652:	57.59" x 33.31" x 3.11" (1463 x 846 x 79mm)
	NT752:	66.29" x 38.18" x 4.01" (1684 x 970 x 102mm)
WEIGHT	NT552: NT652: NT752:	37.5lb (17.01kg) 50.7lb (22.99kg) 81.6lb (37.01kg)
VESA MOUNT	NT552: NT652: NT752:	300 x 200mm 300 x 200mm 400 x 200mm
COLOR	Black	

Input/Output Connections

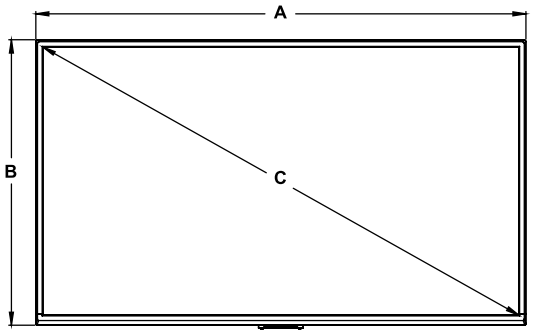
TV FORMATS	2160p, 1080p, 1080i, 720p, 480p, 480i
TV INPUT	Coax, 75 ohm (x1) NTSC, ATSC, 64-QAM, 256-QAM
HDMI INPUT	HDMI (x3) (HDMI 1.4 / 2.0 with HDCP 1.4 / 2.2) (ARC on HDMI1)
peerCONNECT (CEC)	HDMI 1,2,3
CVBS INPUT	RCA (x1)
YPBPR INPUT	RCA (x1)
IR REPEATER	3.5mm Mono Jack (x1)
ANALOG AUDIO INPUT	RCA (x1)
ANALOG AUDIO OUT	3.5mm Stereo Jack (x1)
USB 2.0	USB A (x2)
RS232	9pin D-sub (x1)
DIGITAL AUDIO OUTPUT	Optical (x1)

Package Specifications

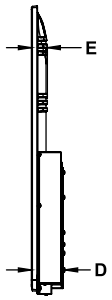
	PACKAGE SIZE (W x H x D)	PACKAGE SHIP WEIGHT	PACKAGE UPC CODE	PACKAGE CONTENTS	UNITS IN PACKAGE
NT552:	53.97" x 33.30" x 8.97" (1371 x 846 x 228mm)	59.5lb (26.99kg)	735029340430	Display, Outdoor IR Learning Remote, Manual, Outdoor Tilting TV Wall Mount, IR Emitter, 3x Cable Ties, Technical Support Insert	1
NT652:	62.51" x 38.46" x 8.97" (1588 x 977 x 228mm)	78lb (35.38kg)	735029340447		
NT752:	71.96" x 44.01" x 11.22" (1828 x 1118 x 285mm)	116.5lb (52.84kg)	735029340454		

All dimensions = inch (mm)

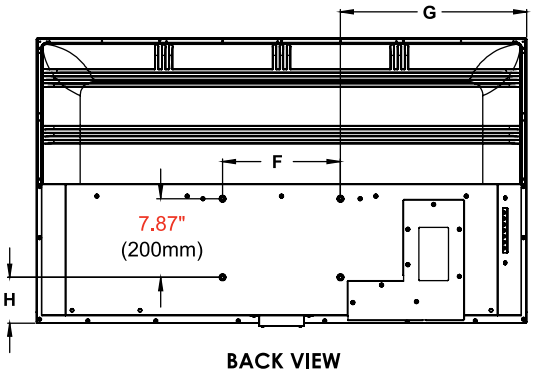
MODEL NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"
NT552:	49.09" (1247mm)	28.54" (725mm)	54.64"(1388mm)	3.11"(79mm)	1.61"(41mm)	11.81"(300mm)	18.65"(474mm)	4.61"(117mm)
NT652:	57.59" (1463mm)	33.31" (846mm)	64.53"(1639mm)	3.11"(79mm)	1.61"(41mm)	11.81"(300mm)	22.89"(582mm)	5.42"(138mm)
NT752:	66.29" (1684mm)	38.18" (970mm)	74.52"(1893mm)	4.01"(102mm)	2.00"(51mm)	15.75"(400mm)	25.27"(642mm)	7.45"(189mm)



FRONT VIEW



SIDE VIEW



BACK VIEW

Visit peerless-av.com to see the complete line of AV solutions from Peerless-AV, including outdoor TVs, kiosks, display mounts, projector mounts, carts/stands, and a full assortment of accessories.

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