All Posts

HELPING NEW JERSEY

HOME

Home Automation

Updated: Sep 6, 2020

Home Theater

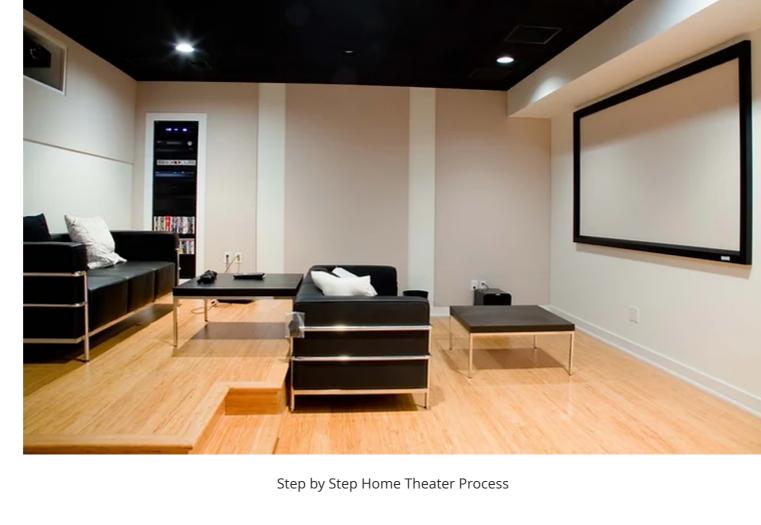
ABOUT US

More ~

Q

Log in / Sign up

Step by Step Home Theater Process



Assembling the Team Functional Design

Interior Design • Electronic System Design

- Installation
- Programming
- Project Management
- For the most part, these steps are listed in chronological order but they can also be performed simultaneously. For example, project management is carefully monitored

During this first phase, we meet with clients to determine their goals, timeline, and budget. Should you choose Bravo, we will discuss questions such as: Has the space been selected? • What are the neighboring spaces used for? Is the space unfinished?

What is your seating capacity goal? • How important is noise isolation (isolating the theater from outside noises)? What level of audio and video performance is desired, i.e.: Good, Great, Awesome,

- Excellent?
- room) What kind of lighting controls would you like?
 - Would you like to be able to play video games in your theater? • Is there a date you would like this theater done by?
- **Assemble Professional Team** Expertise is born out of specialization. Bravo AV specializes in home theater design and
- construction (among other things). There will likely be some work items in your project that will be outside of Bravo's expertise and capability. We are happy to work with
 - Architect General Contractor or Builder • Interior Designer
 - Acoustical Engineer Subcontractors
 - Wall/Ceiling Covering Painters
 - Flooring **Functional Design & Dimensional Analysis**
 - Determine projector placement given throw distance capabilities of the projector

Determine speaker location Determine chair type, seating layout, and riser geometry (if needed)

Determine equipment rack type and location

• Layout equipment in the rack including heat management (cooling) for the equipment • Create lighting design, determine power requirements, locate switches, and outlets

During this first phase, we meet with clients to determine their goals, timeline, and

- Create engineering documents detailing above. These documents are to be signed off on by the customer

Interior Design - Acoustical Analysis and Aesthetics Choices

Design acoustical system for theater according to your selection

- In room performance (focuses on minimizing detrimental effect of reflected sound waves) • Together with the interior designer and architect, Bravo can help guide your
- finishing selections for the room • Finalize electrical layout (switches and outlets) after aesthetic design is finalized
- Create interior design documents detailing the above. These documents are to be signed off on by the customer Plan view
- Reflected ceiling plan All color choices and finishes Meeting with client to approve Interior design
- **Electronic System Design** Design and specify control system
- Design and specify sonic transducer system for seating • Create theater low voltage wiring schematic
- Create System Design documents detailing above. These documents are to be signed off on by the customer Meeting with client to approve electronic system design.
- Apply for necessary permits Framing HVAC rough Electrical rough

 Flooring • Trim and Finish work Painting

Assemble and install screen Install surround sound speakers

Programming

Project Management

Drywall

Installation

Insulation

Necessary inspections

• Prewire - Install all wiring and speaker brackets

- Assemble racky • Wire the rack into the system
- Calibrate projector video image to ISF (Image Science Foundation, a group that issues industry standards) video calibration standards Calibrate processor and audio system for best acoustic results • Test all electronics and connections to ensure system is 100%
- Design program to control all standard audio/video functions of the theater Design program to control lighting • Design program to control shades (if applicable) After equipment is installed, load program and thoroughly test all functionalities

Bravo AV takes pride in being able to effectively lead a project to completion with

communication channels and protocols (who contacts who with updates on work) • Create schedule of work and identify critical path of work Order equipment in a timely manner

Home Theater Items and services NOT provided by Bravo AV

please check out our knowledge center.

HVAC installation or design

Plumbing installation or design

of the Home Acoustic Alliance trained to Level II.

home theater cables

#HomeTheaterInstallation

Home Theater

Home Cinema

Recent Posts

③ 53

Name

Email

Phone

 Create client binder (includes all manuals, warrantees & engineering documents) We hope that in reading about our Step by Step Home Theater process, you can easily understand why we are an industry leader in the Northern New Jersey home theater

market. If you would like to learn more about Bravo's processes or technical knowledge,

In an effort to clearly delineate the services we offer from the services we don't we have

come up with a list of services we don't provide. We will be happy to introduce you to

on everything you need to know. Additionally, you can check out our photo gallery to explore our previous work. Bravo AV is proud to be an HTA (Home Technology Association) Certified Installation Firm and professional A/V experts. Tom Curnin, the owner of Bravo AV, is a CEDIA

• Lighting wiring and fixtures. Lighting control to be determined.

Home Theater in \Diamond 349 views

Home Theater Installation

Home Theater New Jersey

See All

 \Diamond

Focal Speaker Upgrade In Your Questions Answered! Server? NJ Home Theater. \Diamond 2 💙 **121 O** 602

What brings you to Bravo AV of New Jersey, and how can we help?

In order to help you in the best way possible please provide your phone number and town. Your number will not be used for solicitation. Your town is important in order to make sure we can provide the outstanding local service we are recognized for.

Who makes the Best Movie

SEND Knowledge Center Information Contact **Partners Our Services** 80 Morristown Rd. <u>Focal</u> Home Audio <u>About</u> Bernardsville, NJ 07924 **Home Automation** <u>Kaleidescape</u> **Home Automation** <u>Blog</u> **Lutron Lighting Home Theater** Contact Theater Seating **Lutron Shades Design I Build Process Lutron Lighting** Click To Email Us

Hours Mon. - Fri. 9am - 6pm

or by appointment

Tel. (908) 953-0555

Start here to learn everything about **Home Theater Complete Home Theater Process Checklist** The Theater design process is divided in to eight sections: Discovery

throughout the length of our work. At Bravo AV, we know that a masterfully crafted theater is not something that can be easily drawn up and constructed. We approach every phase of our work with the focused goal of building the theater you envision. Discovery

Who will use this system?

- What kind of trim are you expecting? • What level of acoustical treatment would you like? (this relates to audio quality in the
- What is your ideal and maximum budget?
- After this meeting and assembling the "Team" the design process can begin.
- contractors of your choice or we are able to bring together a team of contractors we have worked with that we know produce great results. A typical home theater build team consists of: • Theater Designer/AV Specialist (Bravo AV)
- HVAC Specialist Electrician Rough Constructions Finish carpenter
- budget. Should you choose Bravo, we will discuss questions such as: • Site visit to field measure and assess site conditions • Create a fully dimensioned shell plan with the architect. At this point you know how much interior space you have to work with

Select projector and screen

• Determine screen placement

• Complete sight-line analysis

- with electrician • Create HVAC design with HVAC specialist. Should be dedicated to this room and very quiet during operation (<15dB)
- Room isolation (both structure borne and air borne sound transmission are considered)
 - Elevation of all walls
- Select system electronics
- Perform electricity load analysis and recommend circuit layouts to electrician Design and specify subsystem interfaces
- After the functional, interior, and electronic system designs have been approved installation can be scheduled and commenced.

If the theater is in an unfinished space then the following will be required:

 Where new construction took place: HVAC Final & Electrical Final Install acoustical treatments for proper sound

- Assemble and install theater seating & seating motion actuation system Install projector Install game console/PC connection interface
- Integrate power into the rack and all low voltage subsystems • Install all necessary communication interfaces between control system and existing house sub-systems
- Setup all components for communications, compatibility and highest formats of both audio and video • Integrate rack and control system with existing house network • If new construction took place: Final Certificate of Occupancy
- minimal costoverruns, delays, or deviations from the intended design. Below are some key moments or steps in our project management style over the course of our work: • Kick-Off meeting: introduce professional teams to one another and establish
- Coordinate installation dates to coincide with construction (for new houses/renovations) • Coordinate with all trades to keep contractors to the schedule and ensure the highest quality possible Closely manage our installation team and inspect build quality • Client Training - we will teach you all the cool new features of your new theater and how to effectively take advantage of the high-tech electronics in your system
- trades that will perform this work for you. Naturally we can coordinate all these trades for you. Framing Trim and molding • Sheetrock, spackle and painting • Electrical including rough wiring, finishing of outlets or plates, outlets for any and all AV equipment

Floor covering including hardwood, carpet, linoleum and any other floor covering

For additional resources, please visit our page on <u>Home Theaters</u> with articles like this

Professional Designer, a certified THX Level 1 home theater professional and a member

- You can contact Tom directly at (908) 953-0555 or through email at tom@bravoav.com. on Tags: #HomeTheater #HomeCinema #HomeTheaterNJ #HomeTheaterNewJersey

Town

Message

Surround Sound

Home Audio

Home Theater

Motorized Shades

Outdoor Lighting Outdoor Shades Outdoor Speakers **Outdoor TV**

Landscape Lighting

Lighting Design

RadioRa 3

Surround Sound TV Installation

Sonos <u>Sony</u> <u>TKG</u>

<u>Meridian</u>

Samsung

Savant

<u>Nest</u>

Featured Projects

Knowledge Center

Home Theater Guide

Partners

Privacy Policy

Showroom

<u>Team</u>

**** REVIEW!

Powered by TheTechReps.com

©2022 by Bravo AV of Somerset County NJ

Media Rooms **Luxury Private Cinemas** Multi-Room Audio Media Rooms **Outdoor Shades** Mirror TV **Outdoor Speakers Motorized Shades** Outdoor TV Multi-Room Audio Sonos Speakers **Outdoor Entertainment Centers**

> <u>WiFi</u> **Window Treaments**