

Elements of an Engaging Sound Mix

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Player Engagement

...in regards to audio...

- 1. Technical Clarity.
- 2. Creative Design.





BALANCE

Balance:

The relative volume levels between audio elements.



Employ methods to avoid distortion.

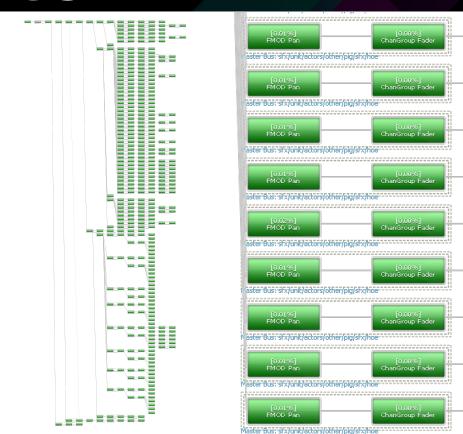
- mix subtractively
- voice prioritization
- stagger sounds; create phrases
- instance limiting





"Kevin, there is an insane number of hoes in our game."

- Andy Schatz







Convey significance with volume.

TowerFall Ascension



Convey significance with volume.

- TowerFall Ascension
- Don't Starve









Convey significance with volume.

- TowerFall Ascension
- Don't Starve
- The Beginner's Guide



Convey significance with volume.

- TowerFall Ascension
- Don't Starve
- The Beginner's Guide
- That Dragon, Cancer





PANORAMA



Panorama:

The placement of audio elements in the sound field.





Give sounds a home.

TowerFall Ascension







- TowerFall Ascension
- Mini Metro



- TowerFall Ascension
- Mini Metro
- Darkest Dungeon





- TowerFall Ascension
- Mini Metro
- Darkest Dungeon
- StarCrawlers





- TowerFall Ascension
- Mini Metro
- Darkest Dungeon
- StarCrawlers







Inform player behaviour.

Crypt of the NecroDancer

Spelunky

Badland 2





FREQUENCY RANGE



Frequency Range:

The lowest bass to the highest treble.





Design sounds to cooperate.

ROCKETSROCKETS



Clarity:

Design sounds to cooperate.

- ROCKETSROCKETS
- That Dragon, Cancer



Clarity:

Design sounds to cooperate.

- ROCKETSROCKETS
- That Dragon, Cancer
- TowerFall Ascension





Highlight important moments.

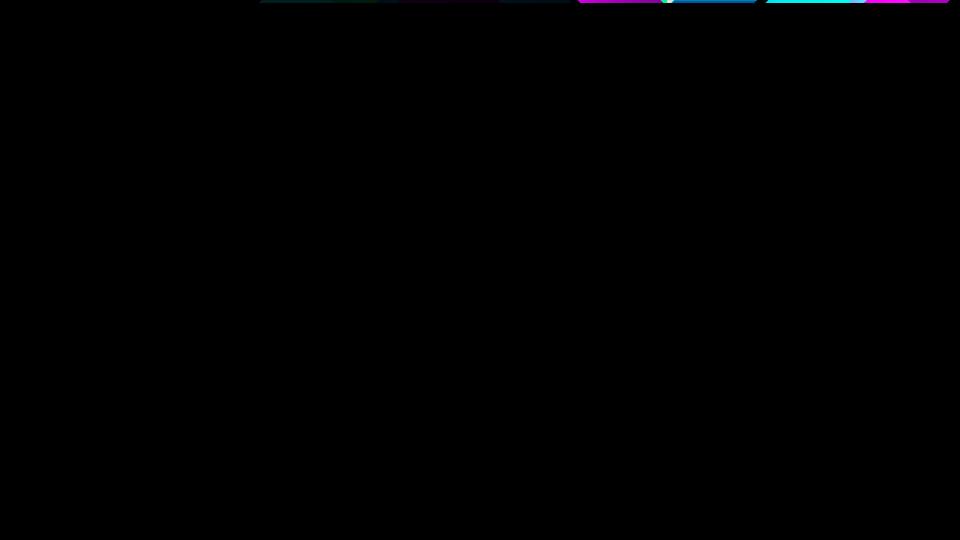
Assault Android Cactus





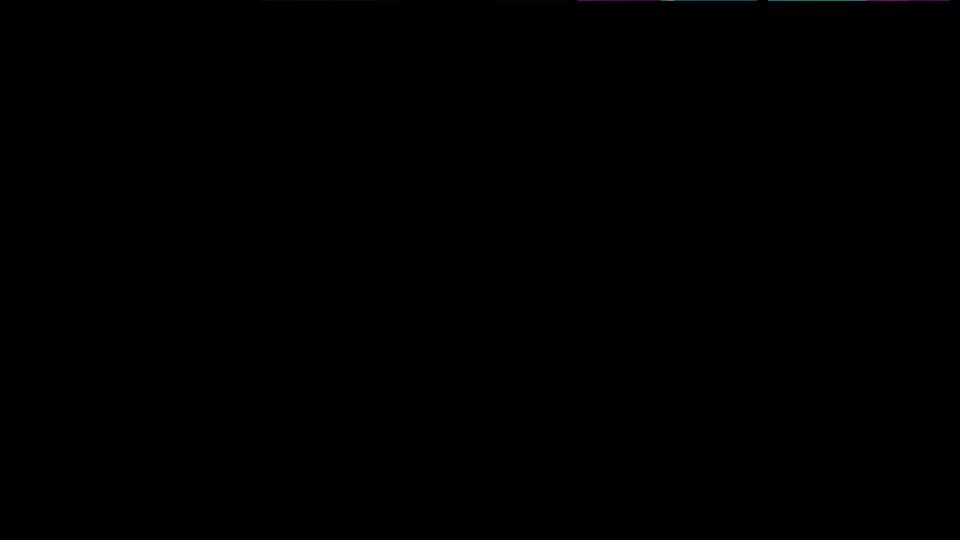
- Assault Android Cactus
- Distance





- Assault Android Cactus
- Distance
- Antichamber







Highlight important moments.

- Bastion





- Bastion
- Viking Squad



- Bastion
- Viking Squad
- Mushroom 11





DYNAMICS

Dynamics:

The control of volume (or "intensity") over time.

Clarity:

Make space; ensure intelligibility.

- Darkest Dungeon
- Nuclear Throne



Shift focus. Reflect context.

Mushroom 11



- Mushroom 11
- Limbo



- Mushroom 11
- Limbo
- Mini Metro



- Mushroom 11
- Limbo
- Mini Metro
- That Dragon, Cancer



- Mushroom 11
- Limbo
- Mini Metro
- That Dragon, Cancer
- Downwell



Shift focus. Reflect context.

ROCKETSROCKETS



- ROCKETSROCKETS
- Assault Android Cactus



- ROCKETSROCKETS
- Assault Android Cactus
- Darkest Dungeon



- ROCKETSROCKETS
- Assault Android Cactus
- Darkest Dungeon
- The Talos Principle





DIMENSION



Dimension:

A sense of ambience and space.





Situate your player.

Mark of the Ninja





- Mark of the Ninja
- Crypt of the NecroDancer



- Mark of the Ninja
- Crypt of the NecroDancer
- Bastion



- Mark of the Ninja
- Crypt of the NecroDancer
- Bastion
- SUPERHOT





- Darkest Dungeon
- SOMA



- Darkest Dungeon
- SOMA
- That Dragon, Cancer



- Darkest Dungeon
- SOMA
- That Dragon, Cancer
- Antichamber





INTEREST



Interest:

Basically cool shit.

Clarity/Design:

Do something worth talking about.



Balance:

- Avoid distortion.
- Volume -> Significance.

Panorama:

- Give everything a home.
- Inform player behaviour.



Frequency Range:

- Design sounds to cooperate.
- Highlight important moments.

Dynamics:

- Make space.
- Shift focus; reflect changing context.



Dimension:

Situate your player.

Interest:

Raise some eyebrows!





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