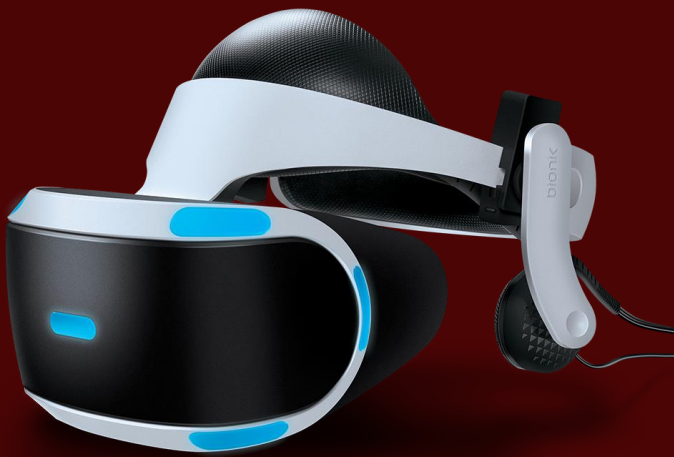


# *Special Effect* VR / AR

## Reduced Control Access (WIP)

BY SPECIALEFFECT

15-02-2020



WITH SPECIAL THANKS TO

ONESWITCH.ORG.UK + SHAZ HOSSAIN

# gamepad

Ace Combat 7

BattleZone Gold Edition

Gran Turismo Sport

Polybius

Resident Evil 7

Tekken 7

Tetris Effect

The Elder Scrolls Skyrim

# simple motion (no gamepad)

EyeToy Play

EyeToy Play 2

# no motion (experiential)

YouTube VR

# gamepad

This section is for Virtual Reality games possible to play with a PS4 gamepad and a PSVR headset.

Each entry will explain a bit about the game, the controls, and if you need to move your head or not. None of these games require the PS4 gamepad to be moved about in space. All are compatible with a Titan Two adapter in PS4 mode.

PS VR is not for children under the age of 12.

## USING THIS BOOKLET

Each game has a **YouTube Video link** you can view by clicking on the game name if on-line.



The logos above denote extra Game Accessibility Information and Content Unlikely to Offend. Some games in this list are not for young children.

Remember that some of these games are a lot easier to play than others. Some are “low pressure” with areas that you can freely explore or practice without having to change the joystick mode once playing. Some can be very intense and difficult with lots of joystick mode swapping needed.

If someone wishes to play a game that is too complex control wise for this system for fully independent play consider two things. Team play and sharing controls amongst two or more players. Mixing in a Windows PC and adding extra control that way such as Speech and other methods.

Finally, please do get in touch if you have any new suggestions for this booklet.



## Ace Combat 7 (Bandai Namco) PS4 PSVR

A gung-ho jet plane sky fighting game. Probably the most impressive sensation of virtual reality on the PS4. Fly amongst the clouds, admiring the scenery around you. Or go to war. Three difficulty levels. None particularly easy. Use Triangle to pick a target (blinking green box) and use Circle to fire missiles at it when locked on (red circle).

The VR mode is separate from the rest of the game. You start in an aircraft hangar where you can look around your plane. Start by tapping CROSS to move to an aircraft carrier runway. To take off, hold R2 until airborne. Really easy. You must complete three missions to unlock two extra modes. **Free Flight** (fly peacefully). and **Air Show** (watch some stunts from the aircraft carrier deck).

## Controls

MOVE = LEFT-STICK    YAW LEFT and RIGHT = L1 and R1

ACCELERATE = R2    BRAKE = L2

FIRE MISSILE = CIRCLE    CHANGE TARGET = TRIANGLE

FLARE = L3+R3

CHANGE WEAPON = SQUARE

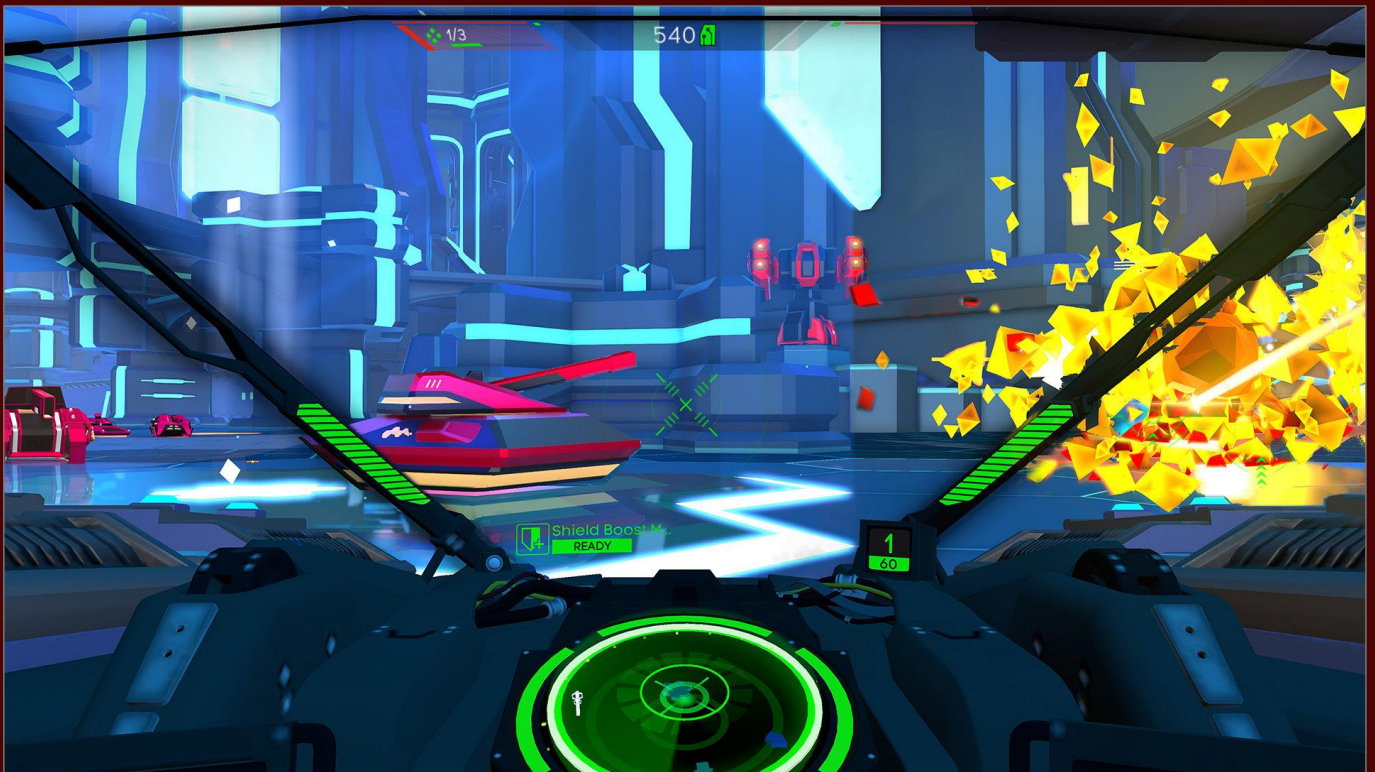
MACHINE GUN = CROSS

TOGGLE RADAR = TOUCH-PAD

SCANNER VIEW = R3



No need to move head. Free-flight mode only available when missions completed.  
Can also play on a standard TV screen at the same time if help needed.



## BattleZone Gold Edition (Rebellion) PS4 PSVR

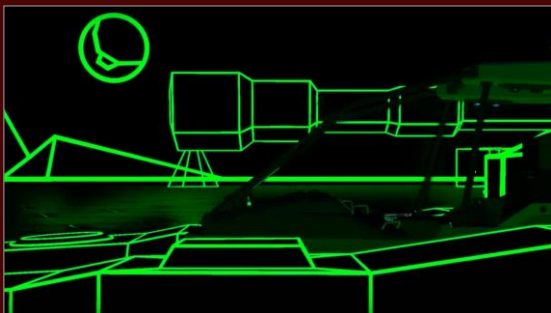
A tactical tank battle (blues vs reds) for on and off-line play. The main game is a tactical tank battle to defeat the enemy. Pictured below is the classic mode, a nice extra in the Gold Edition with much simpler essential controls but probably harder gameplay.

### Controls

DRIVE = LEFT-STICK    AIM = RIGHT-STICK  
BLASTER = SQUARE    FIRE = R2    RELOAD = R1

HORN = R3    ACTIVATE SPECIAL EQUIPMENT = L1

CHANGE WEAPON = SQUARE and CROSS  
COMMEND COMRADES = D-PAD



No need to move head. Classic Mode can be played with two sticks and two buttons.  
Related: Polybius.



## Gran Turismo Sport (Polyphony) PS4 PSVR

Touring car racing simulation. The Arcade “VR Tour” mode is quite basic, but gives a fantastic sense of driving in a car cabin. The scenery is impressive too for PSVR. You race against a single other car, or can choose to ignore it and drive as slowly or quick as you like.

### Controls

**STEER = LEFT-STICK**  
**HAND-BRAKE = CIRCLE**

**BRAKE = L2    ACCELERATE = R2    REVERSE = TRIANGLE**

**LIGHTS = L3**

**Accessibility Features** [SpecialEffect video](#). Excellent control remapping options. Driver steering assist (brake and steering). Use beginner difficulty setting for quick access.



No need to move head. Free practice area.  
Related: Driveclub VR.



## Polybius (Llamasoft) PS4 PSVR

Psychedelic shoot-em-up. All about being in the zone. Stunning in optional PSVR use (used to immerse the player where you can look around whilst using standard controls). The graphics are quite intense at times, but there is an option to calm them down a bit.

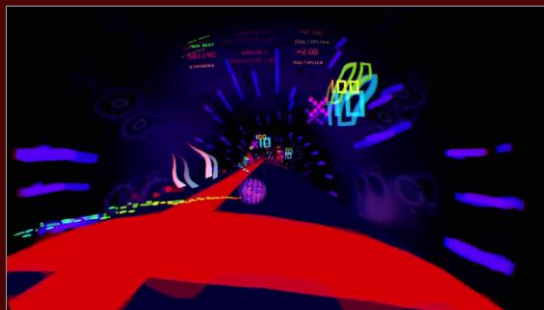
## Controls

**MOVE** = LEFT-STICK (left and right in play)

**SHOOT** = CROSS (hold for rapid-fire)

Start VR mode using TRIANGLE

Menu navigation via LEFT-STICK, Options, Cross, Circle and Triangle and R1.



No need to move head. Requires fast thinking and reactions.  
Related games: BattleZone.



## Resident Evil 7 Biohazard (Capcom) PS4 PSVR

A terrifying horror story with a great sense of physical realism. 18+ only. A free demo allows you to slowly explore a number of macabre rooms in the mansion and gives a good taste of what's to come: More grisly stuff.

### Controls

MOVE = LEFT-STICK      ADJUST VIEW = RIGHT-STICK

L1 = GUARD      L2 = AIM      L3 = RUN  
R1 = RECOVER ITEM      R2 = ATTACK      R3 CROUCH/STAND

CROSS = ACTION/CONFIRM  
CIRCLE = CANCEL  
SQUARE = RELOAD  
TRIANGLE = INVENTORY

OPTIONS = PAUSE MENU  
D-PAD = QUICK SLOTS  
TOUCH-PAD = MAP



Requires a lot of head movement and at key moments very quick reactions.  
VR can be disabled at any time.





## Tekken 7 (Bandai Namco) PS4 PSVR

A one or two player martial arts fighting game. The Virtual Reality part of Tekken 7 is extremely basic. There's a VR Battle arena and a VR Viewer. The VR Battle has no scoring and no end. It does have a slow-motion option though for practicing freely.

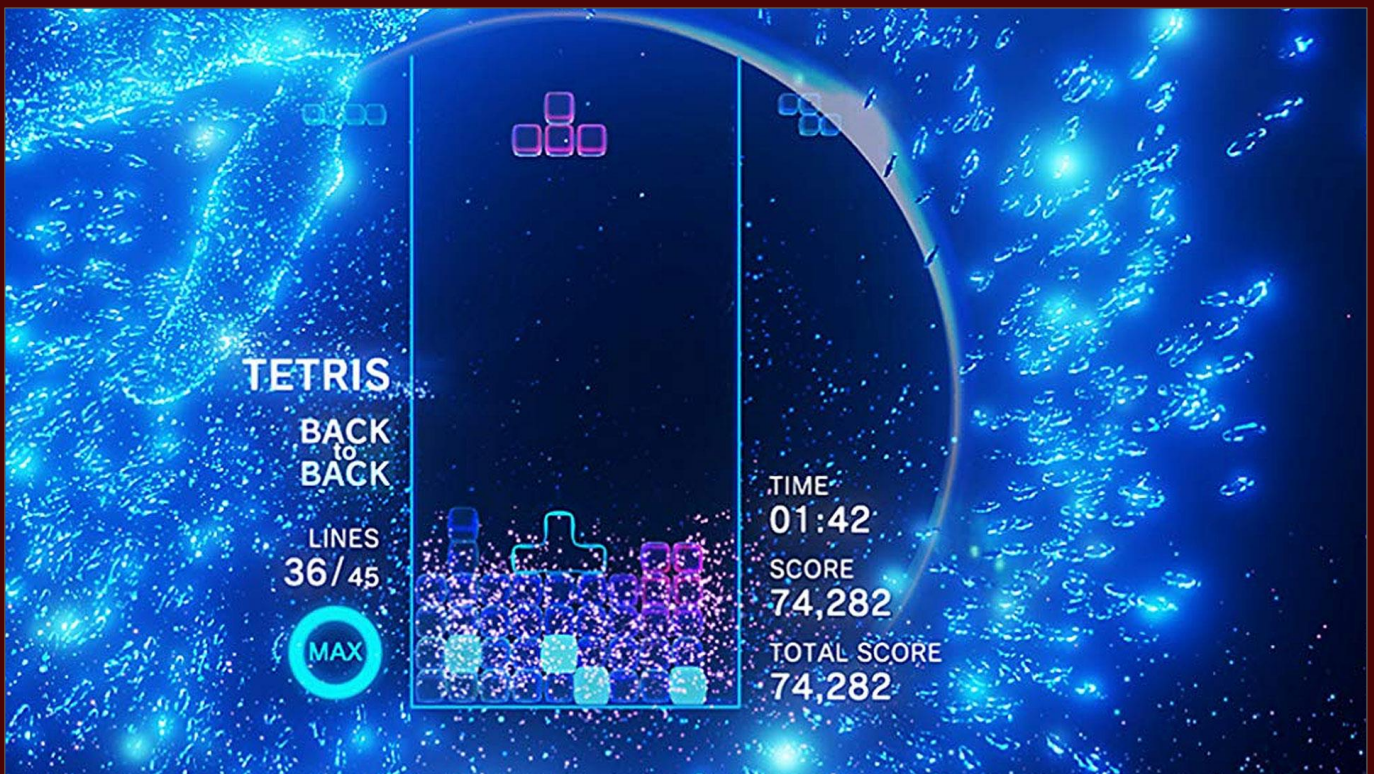
The VR is for playing about with the various characters. Dress them up, take photos and view them in VR. Deserving of its 16 certificate age rating.

## Controls

MOVE = LEFT-STICK      ATTACK = SHAPES



No need to move head. Zero pressure as no scoring.  
Related games: Tekken 1-6



## Tetris Effect (Enhance) PS4 PSVR

An ambient version of Tetris in Virtual Reality. Very enjoyable place to spend a little time. Random pieces fall slowly one by one into an initially empty column. Try to build a line of blocks with no gaps to make them explode away. If the blocks reach the top of the column its game over. If you like games and like tidying things up, you'll likely enjoy Tetris.

Relax modes – 4 stages with no fear of Game Over. Click the Touch-Pad to start VR mode.

## Controls

MOVE PIECE LEFT/RIGHT = D-PAD LEFT/RIGHT

ROTATE PIECE = CROSS / A

FAST DROP = D-PAD DOWN



No need to move head. Pressure low to start especially in Relax modes.



## The Elder Scrolls V: Skyrim (Bethesda) PS4 PSVR

An open world fantasy epic with a medieval setting. Has a huge array of controls to master on a Dual Shock controller. Starts with a very low-pressure interactive cut scene. Quickly becomes very demanding.

### Basic Controls

LOOK = HEAD TRACKING      MOVE = LEFT-STICK  
INTERACT/JUMP = CROSS

ABILITIES 1-5 = SQUARE / TRIANGLE / CIRCLE / L1 / R1  
SPRINT = L3  
CROUCH = R3  
FIGHT = L2 / R2  
D-PAD = VARIOUS



A lot of head-movement needed. Extremely complicated control scheme.  
Related games: Tekken 1-6

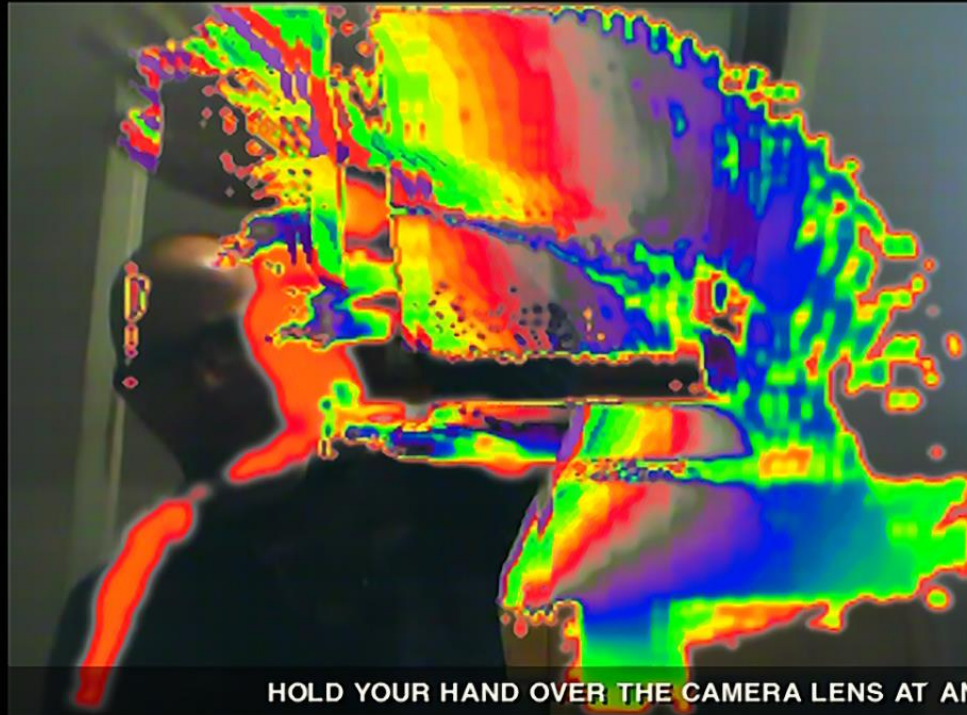
# simple motion

Simple motion-tracking alone with no game pad controls needed.



EyeToy Play + 8MB card for gaming. All have excellent tutorials. Difficulty adjustment.

Explain focus + changing games.



HOLD YOUR HAND OVER THE CAMERA LENS AT AN

## EyeToy Play (London Studios) PS2 with EyeToy camera

A wonderful mix of motion-controlled games and “Playroom” activities. Get to the zero-pressure playroom by waving over “Eye Toy Play” then “Playroom”.



- Underwater > Puts you underwater to play with fish and make bubbles.
- Bubbles > Burst bubbles.
- Leaves > Stir up a bed of leaves. Not hugely responsive.
- Balloons > Confetti and balloons to play amongst.
- Bees > Tap a beehive to wake some bees. Move and they swarm over you.
- Materialise > Move and you scatter into pixels. Stay still and you reform.
- No Effect >
- Sparkles > Move and rainbow glitter falls from your body.
- Snow > Giant snowflakes constantly fall from the sky for you to play with.
- Spiders > Caught in a spiders web, brush many small spiders away from you.
- Copy Cat > Fun! You copy you.
- Nervous > Stuttery Nosferatu type effect. Creepy.
- Mirrors > A hall of mirrors.
- Rainbow > Move to make rainbows. Triangle = Clear. Square = Invert.

The **Games** all have brilliant tutorials. Some are much easier to play than others. All can be enjoyed by one or more players at the same time. The easiest, which can be played with various parts of the body, such as a single finger or arm (if the camera is repositioned once the game has started) include:



**Kung Foo** > Defend against the Ninjas who appear from the sides of the screen.



**Wishi Washi** > Clean windows against the clock.



**Ghost Catcher** > Stop the ghosts escaping off the top of the screen.

**Credits** (via Options) > bounce babies heads around to the song Boogie Nights.

**QUIT** games and activities by covering the camera lens for a few seconds.



Playroom activities are no pressure. Camera can be repositioned once activity started.  
Related: EyeToy Play 2.



## EyeToy Play 2 (London Studios) PS2 with EyeToy camera

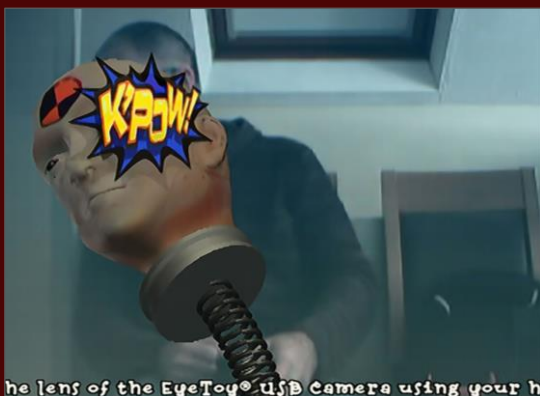
The second EyeToy title for the Playstation 2 has a few highly accessible activities for motion and one or two for sound (Playroom SonicCam).

**Motion Pool:** Start > Games > Playroom > Motion-Cam > Pool

A brilliant game of hexagonal pool with no significant rules to stick to.

**KUNG 2:** Start > Games > Single Player > Kung2

Sequel to Kung Foo. Can play by flicking anything past the camera lens.



**Head Spring:** Start > Games > Cameo Games > Headspring > Play

A crash test dummy punch bag. You can also map your own head to the dummy via the camera, but doing so is tricky.

**QUIT** games and activities by covering the camera lens for a few seconds.



Camera can be repositioned once activity started to make play much easier.  
Related: EyeToy Play.





# no motion

Most of the above games – if with assistance.

Or.... Experiential stuff. Head tracking optional.

PS VR YouTube

“**ELTON JOHN VR 180**” Little head movement needed. First 5 minutes or so is the most impressive and creative. End part some songs played in front of a small audience.

## MORE TO INVESTIGATE

YouTube VR list – consider broad interests. Include search text as difficult on PSVR to track these down. Warn many are not suitable for children.

<http://vr-geeks.com/best-vr-videos/>

Invasion!: <https://youtu.be/SZ0fKW5PttM>

DuckTales: <https://youtu.be/TkkA6jvk-yQ>

Inclusive Technology ClassVR: <http://www.inclusive.co.uk/inclusive-classvr>

Fruit Ninja

Lucky's Tale: Part 1



## **Beware** (Ondrej Svadlena) PC

An open world driving horror game in development. At the time of writing, Patreon backers can play the latest version with gamepad access. Like nothing else I've ever played. Certainly, the stuff of nightmares and not for children.

### **PC controls**

JOYSTICK = **DRIVE MODE** (S2 or S5) + **LOOK** (E1) + **LIGHTS** (W3 LEFT)

SWITCH 1 = **HAND-BRAKE** (CIRCLE / B - OPTIONAL)

SWITCH 2 = **SHIFT**

Extra controls: **Wipers** = TRIANGLE or E2 UP.



Driving is not easy although the car has an automatic gearbox. Slow mode (S5) helps.  
Related: Nothing like it.

## USEFUL LINKS

**MORE HELP** – Via [info@specialeffect.org.uk](mailto:info@specialeffect.org.uk).

**SpecialEffect** – UK charity supporting physically disabled gamers.

**SpecialEffect Game Access Blog** – Latest accessible gaming news.

# INDEX

arcade, 12  
driving, 7  
fly, 5  
horror, 7

PSVR, 3, 5, 6, 8, 12, 16  
RetroPie, 14, 16

