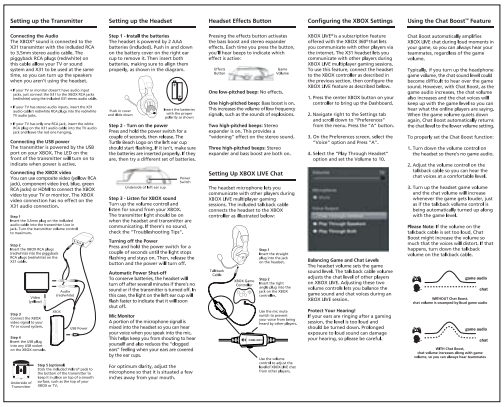
Scale:1:1

S/N	Remarks
——	Die cut
Size	300*240mm
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



Setting up the Transmitter

Connecting the Audio
The XB300T sound is connected to the X31 transmitter with the included RCA to 3.5mm stereo audio cable. The piggyback RCA plugs (red/white) on this cable allow your TV or sound system's RCA audio jacks to share the same time, so you can turn up the speakers when you aren't using the headset.

- If your TV or monitor doesn't have audio input jacks, just connect the X31 to the XB300 RCA jacks (red/white) using the included 3.5 mm stereo audio cable.
- If your TV has only one RCA jack, insert the white RCA plug into the TV's audio jack and leave the red one hanging.

Connecting the USB power
The transmitter is powered by the USB port on your XB300. The LED on the front of the transmitter will turn on to indicate when power is active.

Connecting the XB300 video
You can use composite video (yellow RCA plug) or component video (green, blue, red RCA jacks) or HDMI to connect the XB300 video to your TV or monitor. The XB300 video connection has no effect on the X31 audio connection.

Step 1
Insert the 3.5mm plug on the included audio cable into the transmitter's audio jack. Turn the transmitter volume control to maximum.

Step 2
Insert the XB300 RCA plugs (white/red) into the matching RCA plugs (white/red) on the X31 cable.

Step 3
Insert the USB plug into any USB socket on the XB300 console.

Step 4 (optional).
Slide the rubber pads (4) onto to the bottom of the transmitter to keep it from sliding around on the desk, table, or on the top of your XB300 or TV.

Setting up the Headset

Step 1 - Install the batteries
The headset is powered by 2 AAA batteries (included). Push in and down on the battery cover on the right ear cup to remove it. Then insert both batteries, making sure to align them properly, as shown in the diagram.

Step 2 - Turn on the power
Press and hold the power switch for a couple of seconds, then release. The LED on the transmitter will turn on.

Step 3 - Listen for XB300 sound
Turn up the volume control and listen for sound from your XB300. The transmitter light should be on when the headset and transmitter are communicating. If there's no sound, check the "Troubleshooting Tips".

Turning off the Power
Press and hold the power switch for a couple of seconds, then release. The LED flashing and stays on. Then, release the button and the power will turn off.

Automatic Power Shut-off
To conserve batteries, the headset will turn off after several minutes if there's no sound or if the transmitter is turned off. In this case, the light on the left ear cup will flash faster to indicate that it will soon shut off.

Mic Monitor
A portion of the microphone signal is mixed into the headset so you can hear your voice when you speak into the mic. This helps keep you from shouting to hear yourself and also reduces the "clogged nose" effect that occurs when your ears are covered by the ear cups.

For optimum clarity, adjust the microphone so that it is situated a few inches away from your mouth.

Headset Effects Button

Pressing the effects button activates the bass boost and stereo expander effects. Each time you press the button, you'll hear beeps to indicate which effect is active:

One low-pitched beep: No effects.

One high-pitched beep: Bass boost is on. This increases the volume of low frequency signals, such as the sounds of explosions.

Two high-pitched beeps: Stereo expander is on. This provides a "widening" effect on the stereo sound.

Three high-pitched beeps: Stereo expander and bass boost are both on.

Setting Up XBOX LIVE Chat

The headset microphone lets you communicate with other players during XBOX LIVE multiplayer gaming sessions. The included talkback cable connects the headset to the XB300 controller as illustrated below.

Configuring the XBOX Settings

XBOX LIVE® is a subscription feature offered with the XBOX 360® that lets you communicate with other players via the internet. The X31 headset lets you communicate with other players during XBOX LIVE multiplayer gaming sessions. The X31 headset connects directly to the XBOX controller as described in the previous section, then configure the XBOX LIVE feature as described below.

1. Press the center XBOX button on your controller to bring up the Dashboard.
2. Navigate right to the Settings tab and scroll down to "Preferences" from the menu. Press the "A" button.
3. On the Preferences screen, select the "Voice" option and Press "A".
4. Select the "Play Through Headset" option and set the volume to 10.

Balancing Game and Chat Levels
The headset volume sets the game sound level. The talkback cable volume adjusts the chat level of other players on XBOX LIVE. Adjusting these two volume controls lets you balance the volume between the chat voices during an XBOX LIVE session.

Protect Your Hearing!
If you ever are ringing after a gaming session, your level is too high and should be turned down. Prolonged exposure to loud sound can damage your hearing, so please be careful.

Using the Chat Boost™ feature

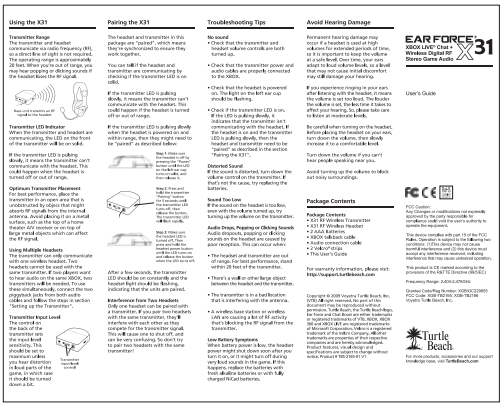
Chat Boost automatically amplifies XBOX LIVE chat during loud moments in your game, so you can always hear your teammates, regardless of the game volume.

Typically, if you turn up the headphone game volume, the chat sound level could become difficult to hear over the game sound. However, with Chat Boost, as the game audio increases, the chat volume automatically increases as well to help keep up with the game level so you can hear what the online players are saying. When the game volume quiets down again, Chat Boost automatically returns the chat level to the lower volume setting.

To properly set the Chat Boost function:

1. Turn down the volume control on the headset so there's no game audio.
2. Adjust the volume control on the talkback cable so you can hear the chat voices at a comfortable level.
3. Turn up the headset game volume and the chat volume will increase whenever the game gets louder, just as if the talkback volume control is being adjusted. Chat Boost turned up along with the game level.

Please Note: If the volume on the talkback cable is set too loud, Chat Boost might increase the volume so much that the voices will distort. If that happens, turn down the talkback volume on the talkback cable.



Using the X31

Transmitter Range
The X31 transmitter and headset communicate via radio frequency (RF), so a direct line of sight is not required. The operating range is approximately 28 feet. When you're out of range, you will hear static and the RF logo will flash if the headset faces the RF signal.

Transmitter LED Indicator
When the transmitter and headset are communicating, the LED on the front of the transmitter will be on solid.

If the transmitter LED is pulsing slowly, it means the transmitter can't communicate with the headset. This could happen if the headset is turned off or out of range.

Optimum Transmitter Placement
For best performance, place the transmitter in an open area that is unobstructed by objects that might block the RF signal from the transmitter antenna. Avoid placing it on a metal surface, such as the top of a home theater A/V receiver or on top of large metal objects which can affect the RF signal.

Using Multiple Headsets
The transmitter can only communicate with one wireless headset. Two headsets CANNOT be used with the same transmitter. If two players want to hear audio on the same XBOX, two transmitters will be needed. To use these simultaneously, connect the two XB300 controllers with talkback cables and follow the steps in section "Setting up the Transmitter".

Transmitter Input Level
The switch on the back of the transmitter sets the input level sensitivity. This is set to the maximum unless you hear distortion in loud parts of the game, in which case it should be turned down a bit.

Pairing the X31

The headset and transmitter in this system are "digitally paired", which means they're synchronized to ensure they work together.

You can tell if the headset and transmitter are communicating by checking if the transmitter LED is on solid.

If the transmitter LED is pulsing slowly, the transmitter and headset aren't communicate with the headset. This could happen if the headset is turned off or out of range.

If the transmitter LED is pulsing slowly when the headset is powered on and within range, then they might need to be "paired" as described below:

After a few seconds, the transmitter LED should be on constantly and the headset flight should be flashing, indicating that the units are paired.

Interference from Two Headsets
Only one headset can be paired with a transmitter. If you pair two headsets with the same transmitter, they'll interfere with each other as they compete for the transmitter signal. This will cause one to shut off, and can be very confusing. So don't try to pair two headsets with the same transmitter!

Troubleshooting Tips

No sound
If the LED on the transmitter and headset volume controls are both turned up...

- Check that the transmitter power and audio cables are properly connected to the XB300.
- Check that the headset is powered on. The flight on the left ear cup should be flashing.
- Check if the transmitter LED is on. If the LED is pulsing slowly, it indicates that the transmitter isn't communicating with the headset. If the headset is on and the transmitter LED is pulsing slowly, then the headset and transmitter need to be "paired" as described in the section "Pairing the X31".

Distorted Sound
If the sound is distorted, turn down the volume control on the transmitter. If that doesn't fix the cause, try replacing the batteries.

Sound Too Low
If the sound on the headset is too low, try turning up the volume on the transmitter, turning up the volume on the transmitter.

Audio Drops, Popping or Clicking Sounds
Audio dropouts, popping or clicking sounds are usually caused by weak or poor reception. This can occur when:

- The headset and transmitter are out of range. For best performance, stand within 25 feet of the transmitter.
- There's a wall or other large object between the headset and the transmitter.
- The transmitter is in a bad location that is interfering with the antenna.
- A wireless base station or wireless LAN are causing a lot of RF activity that is interfering the RF signal from the transmitter.

Low Battery Symptoms
When battery power is low, the headset volume may decrease, the headset may turn it on, or it might turn off during very loud sounds in the game. If this happens, replace the batteries with fresh alkaline batteries or with fully charged NiCad batteries.

Avoid Hearing Damage

Permanent hearing damage may occur if a headset is used at high volumes for extended periods of time, so it is important to keep the volume at a safe level. Over time, your ears adapt to loud volume levels, so a level that sounds comfortable initially important may still damage your hearing.

If you experience ringing in your ears after listening with the headset, it means the volume is too high. The more often the volume is set, the less time it takes to affect your hearing. So, please take care to listen at moderate levels.

Be careful when turning on the headset, before placing the headset on your ears, turn down the volume, then slowly increase it to a comfortable level.

Turn down the volume if you can't hear people speaking near you.

Avoid turning up the volume to block out noisy surroundings.

Package Contents

Package Contents
- X31 RF Wireless Transmitter
- X31 RF Wireless Headset
- 2 AAA Batteries
- XBOX talkback cable
- Audio connectors cable
- 2 Velcro® strips
- This User's Guide

For warranty information, please visit: **https://support.turtlebeach.com**

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EAR FORCE® XBOX LIVE® Chat + Wireless Digital RF Stereo Game Audio X31

User's Guide

FC CE

FCC Caution:
Any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product in CE marked according to the provisions of the R&TTE Directive (99/5/EC).

Frequency Range: 2.404-2.476GHz

Quietus Colorflag No.Index: V2050C220905
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Standard color

60*120

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