

Wireless Gaming Qs &As

Questions & Answers:

1. What is the Game Boy[®] Advance Wireless Adapter from Nintendo and what does it do?

Both Pokémon[®] FireRed and Pokémon LeafGreen are bundled with the Game Boy Advance Wireless Adapter. The adapter attaches to the Game Boy Advance and Game Boy Advance SP to allow players to trade, battle and chat with one another with no connecting cords. The adapter alerts players to other players who in range that also have a Game Boy Advance Wireless Adapter.

2. What games are compatible with the Game Boy Advance Wireless Adapter?

Pokémon FireRed and Pokémon LeafGreen are bundled with the Game Boy Advance Wireless Adapter. Other games that are compatible with the adapter include Mario Golf[™]: Advance Tour and Hamtaro[™]: Ham-Ham Games.

3. How does the Game Boy Advance Wireless Adapter work?

Freescale Semiconductor, Inc. produces the two semiconductor chips, called a chip set, that are in the adapter. A chip is an integrated circuit (IC) that contains thousands of transistors. A transistor is an electronic component that can be either on or off. It can be switched from one state to the other when an electric impulse is sent.

The adapter contains a radio frequency (RF) chip that receives and transmits radio signals to and from other players. The baseband chip communicates with the Game Boy Advance and Game Boy Advance SP and sends the game data to the RF chip. The RF chip transmits the game data to another player's wireless adapter. The chipset enables up to five players to play against each other wirelessly, allowing for flexible, mobile game playing. The chipset is in the 2.4GHz Industrial, Scientific and Medical Band (ISM) spectrum which is authorized in nearly every country in the world for unlicensed mobile device and peripherals. This technology offers robust performance with data moving fast, to provide game users a fast receive-and-respond play similar to a wired experience.

Freescale's chipset also features less radio signal interference and low power consumption ensuring users a long battery life for extended game play. In addition, the advanced technology of this chipset allows for its small size and to fit into the Nintendo wireless adapter easily for convenient mobility.

3. What is the range of the Game Boy Advance Wireless Adapter when playing with other players?

The adapter has the capability of exchanging information within a five to 10 meter (approximately 30 feet) radius indoors, 20 to 30 meters outdoors. The range depends heavily on where the Game Boy Advance Wireless Adaptor is used.