FROG-IS

Professional Audio Solutions

All-Weather Landscape Speaker

FI-GS6DX

6.5" Woofer + 1" PET Tweeter | 70V/100V Constant Voltage

Product Overview

The FI-GS6DX is a premium all-weather landscape loudspeaker engineered for outdoor gardens, parks, resorts, and commercial landscapes. Designed to blend seamlessly into natural surroundings while delivering rich, full-range audio, this speaker features a rugged weather-resistant enclosure that withstands rain, snow, UV exposure, and extreme temperature fluctuations.

At its heart, a 6.5-inch polypropylene cone woofer paired with a 1-inch PET tweeter produces clear, balanced sound with a frequency response of 75 Hz to 20 kHz. The built-in 70V/100V constant voltage transformer with multiple power taps allows flexible integration into distributed audio systems, making it ideal for large-scale outdoor installations requiring consistent coverage across extended areas.

The FI-GS6DX supports both above-ground and below-ground installation options, offering installers maximum flexibility in landscape design. With its 360-degree sound dispersion and durable construction, the FI-GS6DX delivers reliable, high-quality background music and paging for any outdoor environment.

Key Features

- **All-Weather Durability:** Rugged weather-resistant enclosure designed for permanent outdoor installation, resistant to rain, snow, UV, and temperature extremes.
- **6.5" Polypropylene Woofer:** High-quality P.P. cone woofer delivers warm, punchy bass with excellent weather resistance and long-term reliability.
- **1" PET Tweeter:** Polyethylene terephthalate dome tweeter provides crisp, detailed highs with smooth off-axis response.

- **70V/100V Constant Voltage:** Built-in multi-tap transformer supports both 70V and 100V distributed audio systems for long cable runs and multi-speaker installations.
- **Multiple Power Taps:** 100V: 60W / 30W / 15W; 70V: 60W / 30W / 15W / 7.4W — selectable via rear-panel switch for precise power matching.
- **8Ω Low-Impedance Mode:** Also supports direct 8Ω connection for low-impedance amplifier setups.
- **360° Sound Dispersion:** Omnidirectional radiation pattern provides even, consistent coverage across the listening area without hot spots.
- **Dual Installation Options:** Can be installed above ground on a mounting base or partially buried below ground level for a discreet, natural look.
- **Wide Frequency Response:** 75 Hz – 20 kHz coverage ensures rich, detailed reproduction of both music and speech.
- **Landscape-Friendly Design:** Low-profile form factor blends into garden settings while delivering professional-grade audio performance.

Applications

- Residential gardens, patios, and backyards
- Hotels, resorts, and pool areas
- Public parks, botanical gardens, and zoos
- Golf courses and country clubs
- Theme parks and outdoor entertainment venues
- Shopping mall outdoor plazas and courtyards
- Restaurants and cafes with outdoor seating
- Campus grounds and educational facilities
- Distributed background music and paging systems
- Outdoor weddings and event spaces

Technical Specifications

Parameter	Specification
Model	FI-GS6DX
Product Type	All-Weather Landscape Speaker
Low-Frequency Driver	6.5" P.P. (Polypropylene) Cone Woofer
High-Frequency Driver	1" PET Tweeter
Frequency Response	75 Hz – 20 kHz
Sensitivity	80 dB
Nominal Impedance	8 Ω
Power Tap (100V Line)	60 W / 30 W / 15 W (selectable)
Power Tap (70V Line)	60 W / 30 W / 15 W / 7.4 W (selectable)
Dispersion	360° Omnidirectional
Installation	Above-ground or below-ground level
Dimensions (H × Diameter)	52.0 × 33.0 cm
Base Diameter	27.0 cm

Dimensions

The FI-GS6DX features a compact, landscape-friendly form factor. The overall height is 520 mm with a maximum diameter of 330 mm. The mounting base measures 270 mm in diameter, providing a stable foundation for both above-ground and below-ground installations.

Height	Max Diameter	Base Diameter
52.0 cm	33.0 cm	27.0 cm

Installation Guide

The FI-GS6DX landscape speaker can be installed either above ground on a flat surface or partially buried below ground level. Follow these steps for proper installation:

Step 1 — Evaluate Location: Determine the placement of the speakers and plan the speaker wire route. Landscape speakers reproduce sound in a full 360-degree pattern; a few properly placed and spaced speakers can cover a large area.

Step 2 — Dig Trench: Once locations are decided, dig a trench from the speakers to the audio input source for the speaker cables. Use direct-burial rated cable.

Step 3 — Place Speaker: Place the landscape speaker in the prepared hole or on the mounting surface. Run the direct burial wire through the trench to the amplifier or receiver location.

Step 4 — Set Power Tap: Use the tap switch located on the speaker to select the appropriate power setting (60W / 30W / 15W on 100V, or 60W / 30W / 15W / 7.4W on 70V) best suited for your application.

Step 5 — Connect Wires: Connect the wires from the landscape speakers to the amplifier or receiver. Ensure correct polarity on all cables and speakers so they remain in sync.

Step 6 — Test & Backfill: Turn on the amplifier or receiver to test the speakers. If the speakers sound correct, refill the wire trench and cover the submerged part of the speaker.

Note: For below-ground installation, ensure the speaker is positioned so that the upper portion (including the tweeter and grille) remains above ground level for optimal sound dispersion. Use the provided mounting holes for secure anchoring.

Why Choose FI-GS6DX

The FI-GS6DX combines professional acoustic performance, all-weather durability, and elegant landscape design in a single, cost-effective solution. Whether installed in a luxury residential garden, a sprawling resort property, or a public park, this loudspeaker consistently delivers clear, natural sound that enhances any outdoor environment. With selectable 70V/100V power taps up to 60W, flexible installation options, and rugged construction built to last, the FI-GS6DX is the ideal choice for demanding outdoor audio installations.

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Specifications are subject to change without notice due to continuous product improvement.