Understanding MIDI: The Language of Music

Introduction to MIDI Technology

The Importance of MIDI

- Tool for musicians and producers.

- Developed in the early 1980s.

- Aimed to standardize music production hardware and ensure compatibility with various devices.

MIDI Communication

- MIDI enables communication between computers, musical instruments, and other hardware.

- MIDI processes binary data at up to 31,250 bits per second and supports 128 different musical notes.

- MIDI ports include MIDI IN, MIDI OUT, and MIDI THRU.
  - MIDI IN receives external signals.
  - MIDI OUT sends signals.
  - MIDI THRU transfers signals from one external element to another.

Applications of MIDI

- It allows for track composition and editing, including timbre, intensity, pitch, velocity adjustments, and effects like vibrato.

- Live Performances: It enables real-time control

Thank you

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