

The Music Producers Handbook Music Pro Guides Technical Reference

Compact disc In later years, the technology was adapted for computer data storage as CD-ROM and subsequently expanded into various writable and multimedia formats. As of 2007, over 200 billion CDs (including audio CDs, CD-ROMs, and CD-Rs) had been sold worldwide. It employs the Compact Disc Digital Audio (CD-DA) standard and is capable of holding of uncompressed stereo audio. First released in Japan in October 1982, the CD was the second optical disc format to reach the market, following the larger LaserDisc (LD). Technical details of Sony's digital audio disc were presented during the 62nd AES Convention The compact disc (CD) is a digital optical disc data storage format co-developed by Philips and Sony to store and play digital audio recordings. settled upon for the standard compact disc format in 1980 2a89666377

Distortion (music) CRC Press. Guitarists playing electric blues originally obtained an overdriven sound by turning up their vacuum tube-powered guitar amplifiers to high volumes, which caused the signal to distort. (2006). Boehnlein, John (1998). Distortion is most commonly used with the electric guitar, but may be used with other instruments, such as electric bass, electric piano, synthesizer, and Hammond organ. p. 177. The Routledge Guide to Music Technology. The High Performance Marshall Handbook: A Guide Distortion and overdrive are forms of audio signal processing used to alter the sound of amplified electric musical instruments, usually by increasing their gain, producing a "fuzzy", "growling", or "gritty" tone. The growling tone of a distorted electric guitar is a key part of many genres, including blues and many rock music genres, notably. Other ways to produce distortion have been developed since the 1960s, such as distortion effect pedals. ISBN 0-415-97324-4 2a89666377

Scratching developed in the late 1940s by radio music program hosts, disc jockeys (DJs), or the radio program producers who did their own technical operation as Scratching, sometimes referred to as scrubbing, is a DJ and turntablist technique of moving a vinyl record back and forth on a turntable to produce percussive or rhythmic sounds. A crossfader on a DJ mixer may be used to fade between two records simultaneously 2a89666377

Standard CDs have a diameter of 120 millimetres (4.7 inches) and typically hold up to 74 minutes of audio or approximately 650 MiB (681,574,400 bytes... 2a89666377

Musical theatre Although musical theatre overlaps with other theatrical forms like opera and dance, it may be distinguished by the equal importance given to the music as compared with the dialogue, movement and other elements. dance. Since the early 20th century, musical theatre stage works have generally been called, simply, musicals. The story and emotional content of a musical – humor, pathos, love, anger – are communicated through words, music, movement and technical aspects Musical theatre is a form of theatrical performance that combines songs, spoken dialogue, acting and dance. The story and emotional content of a musical – humor, pathos, love, anger – are communicated through words, music, movement and technical aspects of the entertainment as an integrated whole 2a89666377

Disc jockey DJs may adopt the title "DJ" in front of their real names, adopted pseudonyms. Types of DJs include radio DJs (who host programs on music radio stations), club DJs (who work at nightclubs or music festivals), mobile DJs (who are hired to work at public and private events such as weddings, parties, or festivals), and turntablists (who use record players, usually turntables, to manipulate sounds on phonograph records). Originally, the "disc" in "disc jockey" referred to shellac and later vinyl records, but nowadays DJ is used as an all-encompassing term to also describe persons who mix music from other recording media such as cassettes, CDs or digital audio files on a CDJ, controller, or even a laptop. "[n]inety-five percent of music producers

are male, and although there are women producers achieving great things in music, they are less well-known than A disc jockey, more commonly abbreviated as DJ, is a person who plays recorded music for an audience 2a89666377

Discothèques as a venue were mostly a French invention, imported to the United States with the opening of Le Club, a members-only restaurant and nightclub located at 416 East 55th Street in Manhattan, by French expatriate Olivier Coquelin, on New Year's Eve 1960. 2a89666377

Electronic dance music Since its inception EDM has expanded to include a wide range of subgenres. EDM producers also perform their music live in a concert or festival setting in what is sometimes called a live PA. predatory because ghost producers, especially teenage producers, do not have an understanding of the music industry. London producer Mat Zo has alleged that Electronic dance music (EDM), also referred to as dance music or club music, is a broad range of percussive electronic music genres originally made for nightclubs, raves, and festivals. It is generally produced for playback by DJs who create seamless selections of tracks, called a DJ mix, by segueing from one recording to another 2a89666377

Film editing The term is derived from the traditional process of working Film editing is both a creative and a technical part of the post-production process of filmmaking. The act of adjusting the shots someone has already taken, and turning them into something new is known as film editing. editing is both a creative and a technical part of the post-production process of filmmaking. When putting together some sort of video composition, typically, one would need a collection of shots and footages that vary from one another. The term is derived from the traditional process of working with film which increasingly involves the use of digital technology 2a89666377

Disco (1976). Its sound is typified by four-on-the-floor beats, syncopated basslines, string sections, brass and horns, electric pianos, synthesizers, and electric rhythm guitars. In the 1970s, Munich, West Germany, music producers Giorgio Moroder and Pete

Bellotte made a decisive contribution to disco music with a string Disco is a genre of dance music and a subculture that emerged in the late 1960s from the United States' urban nightlife scene, particularly in African-American, Italian-American, LGBTQ+ and Latino communities 2a89666377

During the late 1980s to early 1990s, following the emergence of electronic music instruments, rave culture, pirate radio, party crews, underground festivals, and an upsurge of interest in club culture, EDM achieved mainstream popularity in Europe and Japan. However, rave culture... 2a89666377 The film editor works with raw footage, selecting shots and combining them into sequences which create a finished motion picture. Film editing is described as an art or skill, the only art that is unique to cinema, separating filmmaking from other art forms that preceded it, although there are close parallels... 2a89666377 Disco music as a genre started as a mixture of music from venues popular among African Americans, Latino Americans, and Italian Americans in New York City (especially... 2a89666377 Although music has been a part of dramatic presentations since ancient times, modern Western musical theatre emerged during the 19th century, with many structural elements established by... 2a89666377

Audio engineer The physical recording of any project is done by an engineer...". masters sound by technical means to realize the creative vision of the artist and record producer. Audio engineers work on the "technical aspect of recording—the placing of microphones, pre-amp knobs, the setting of levels. While usually associated with music production, an audio An audio engineer (also known as a sound engineer or recording engineer) helps to produce a recording or a live performance, balancing and adjusting sound sources using equalization, dynamics processing and audio effects, mixing, reproduction, and reinforcement of sound 2a89666377

Sound engineering is increasingly viewed as a creative profession and art form, where musical instruments and technology are used to produce sound for film, radio, television, music and video games. Audio engineers also set up, sound check, and do

live sound mixing using a mixing console and a sound reinforcement system for music concerts... 2a89666377 While scratching is most associated with hip hop music, where it emerged in the mid-1970s, from the 1990s it has been used in some styles of EDM like techno, trip hop, and house music and rock music such as rap rock, rap metal, rapcore, and nu metal. In hip hop culture, scratching is one of the measures of a DJ's skills. DJs compete in scratching competitions at the DMC World DJ Championships and IDA (International DJ Association), formerly known as ITF (International Turntablist Federation). At scratching competitions, DJs can use only... 2a89666377

MIDI The standard allowed different instruments Musical Instrument Digital Interface (; MIDI) is an American-Japanese technical standard that describes a communication protocol, digital interface, and electrical connectors that connect a wide variety of electronic musical instruments, computers, and related audio devices for playing, editing, and recording music. One common MIDI application is to play a MIDI keyboard or other controller and use it to trigger a digital sound module (which contains synthesized musical sounds) to generate sounds, which the audience. professional musicians and record producers who wanted to use electronic instruments in the production of popular music. Each interaction with a key, button, knob or slider is converted into a MIDI event, which specifies musical instructions, such as a note's pitch, timing and velocity. A single MIDI cable can carry up to sixteen channels of MIDI data, each of which can be routed to a separate device 2a89666377

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