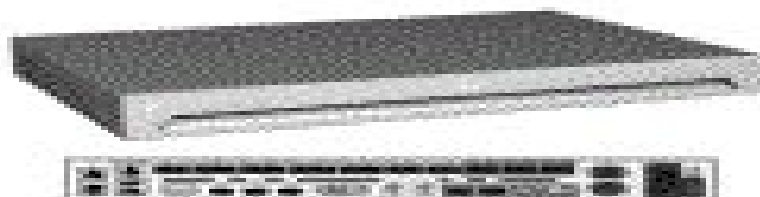


Cisco TelePresence SX80 编解码器

Cisco TelePresence SX80 编解码器 (SX80 Codec) 为打造顶级视频会议软件体验提供强大而灵活的平台。SX80 编解码器旨在满足集成需求，实现定制视频会议会议室的灵活性和创造性，从而满足客户需求。SX80 用作音频和视频引擎，以将高质量视频会议应用引入大型会议室、会场和专用或行业应用会议室。

SX80 最高可支持 1080p60 的端到端端到 HD 视频，且是业界首款支持 H.265 的产品，从而为此种视频应用可能实现的可变分辨率奠定基础。该编解码器支持丰富的输入和输出选项以及灵活的媒体分享，且支持 3 个屏幕的功能可以支持多种使用案例，从而满足您的特定需求。

图 1. Cisco TelePresence SX80 编解码器



编解码器 3 种 SX80 编解码器，以帮助您大型会议室中匹配视频分辨率提供高的需求解决方案构建：

- SX80 编解码器带 Precision40 1080p 4 摄像头，适用于中小型会议室部署
- SX80 编解码器带 Precision 60 摄像头，适用于大型会议室部署，提供市场上最佳的图像
- SX80 和 SpeakerTrack 60 双摄像头系统，配备可以为跟踪发言者提供快速直接的视频切换方法

SX80 编解码器通过其强大的媒体引擎，帮助您构建新的视频会议会议室。

图 2. 配有 Touch 10 和 SpeakerTrack 60 的 Cisco TelePresence SX80 编解码器



Cisco Telepresence Sx80 Codec Data Sheet

Michael Brown



Cisco Telepresence Sx80 Codec Data Sheet:

Recognizing the quirk ways to acquire this ebook **Cisco Telepresence Sx80 Codec Data Sheet** is additionally useful. You have remained in right site to begin getting this info. get the Cisco Telepresence Sx80 Codec Data Sheet associate that we manage to pay for here and check out the link.

You could buy guide Cisco Telepresence Sx80 Codec Data Sheet or acquire it as soon as feasible. You could speedily download this Cisco Telepresence Sx80 Codec Data Sheet after getting deal. So, with you require the books swiftly, you can straight get it. Its as a result agreed easy and correspondingly fats, isnt it? You have to favor to in this tone

<http://www.technicalcoatingsystems.ca/data/browse/HomePages/Patience%20Daniel%20Clowes.pdf>

Table of Contents Cisco Telepresence Sx80 Codec Data Sheet

1. Understanding the eBook Cisco Telepresence Sx80 Codec Data Sheet
 - The Rise of Digital Reading Cisco Telepresence Sx80 Codec Data Sheet
 - Advantages of eBooks Over Traditional Books
2. Identifying Cisco Telepresence Sx80 Codec Data Sheet
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Cisco Telepresence Sx80 Codec Data Sheet
 - User-Friendly Interface
4. Exploring eBook Recommendations from Cisco Telepresence Sx80 Codec Data Sheet
 - Personalized Recommendations
 - Cisco Telepresence Sx80 Codec Data Sheet User Reviews and Ratings
 - Cisco Telepresence Sx80 Codec Data Sheet and Bestseller Lists
5. Accessing Cisco Telepresence Sx80 Codec Data Sheet Free and Paid eBooks

- Cisco Telepresence Sx80 Codec Data Sheet Public Domain eBooks
- Cisco Telepresence Sx80 Codec Data Sheet eBook Subscription Services
- Cisco Telepresence Sx80 Codec Data Sheet Budget-Friendly Options
- 6. Navigating Cisco Telepresence Sx80 Codec Data Sheet eBook Formats
 - ePub, PDF, MOBI, and More
 - Cisco Telepresence Sx80 Codec Data Sheet Compatibility with Devices
 - Cisco Telepresence Sx80 Codec Data Sheet Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Cisco Telepresence Sx80 Codec Data Sheet
 - Highlighting and Note-Taking Cisco Telepresence Sx80 Codec Data Sheet
 - Interactive Elements Cisco Telepresence Sx80 Codec Data Sheet
- 8. Staying Engaged with Cisco Telepresence Sx80 Codec Data Sheet
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Cisco Telepresence Sx80 Codec Data Sheet
- 9. Balancing eBooks and Physical Books Cisco Telepresence Sx80 Codec Data Sheet
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Cisco Telepresence Sx80 Codec Data Sheet
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Cisco Telepresence Sx80 Codec Data Sheet
 - Setting Reading Goals Cisco Telepresence Sx80 Codec Data Sheet
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Cisco Telepresence Sx80 Codec Data Sheet
 - Fact-Checking eBook Content of Cisco Telepresence Sx80 Codec Data Sheet
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development

- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Cisco Telepresence Sx80 Codec Data Sheet Introduction

Cisco Telepresence Sx80 Codec Data Sheet Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Cisco Telepresence Sx80 Codec Data Sheet Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Cisco Telepresence Sx80 Codec Data Sheet : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Cisco Telepresence Sx80 Codec Data Sheet : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Cisco Telepresence Sx80 Codec Data Sheet Offers a diverse range of free eBooks across various genres. Cisco Telepresence Sx80 Codec Data Sheet Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Cisco Telepresence Sx80 Codec Data Sheet Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Cisco Telepresence Sx80 Codec Data Sheet, especially related to Cisco Telepresence Sx80 Codec Data Sheet, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Cisco Telepresence Sx80 Codec Data Sheet, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Cisco Telepresence Sx80 Codec Data Sheet books or magazines might include. Look for these in online stores or libraries. Remember that while Cisco Telepresence Sx80 Codec Data Sheet, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Cisco Telepresence Sx80 Codec Data Sheet eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Cisco Telepresence Sx80 Codec Data Sheet full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range

of Cisco Telepresence Sx80 Codec Data Sheet eBooks, including some popular titles.

FAQs About Cisco Telepresence Sx80 Codec Data Sheet Books

1. Where can I buy Cisco Telepresence Sx80 Codec Data Sheet books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Cisco Telepresence Sx80 Codec Data Sheet book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Cisco Telepresence Sx80 Codec Data Sheet books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Cisco Telepresence Sx80 Codec Data Sheet audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.

10. Can I read Cisco Telepresence Sx80 Codec Data Sheet books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Cisco Telepresence Sx80 Codec Data Sheet :

patience daniel clowes

optical processes in semiconductors pankove

~~patrick fillion comics~~

pca notes on aci 318m 11 metric

oracle database 11g the complete reference

outsourcing and insourcing in an international context

~~pastos mentales el poder del pensamiento~~

passive income the ultimate guide to financial freedom

organic mushroom farming and mycoremediation simple to advanced and experimental techniques for indoor and outdoor cultivation

pastest mrcc part paper practice

patterns of world history vol 2 since 1400

~~ostriv a city building game vn gamepc~~

pdf modern blood banking by denise harmening 5th edition

~~operations supply management 13th edition~~

orgb 5th edition

Cisco Telepresence Sx80 Codec Data Sheet :

the bodyguard training manual kindle edition amazon com - Jun 06 2023

web jun 27 2013 the bodyguard training manual a short manual giving an overview of the bodyguard work and 16 training drills the aim of this manual is to help people understand what exactly a bodyguard has to do and to offer the physical training necessary

bodyguard training ebook publishing us - Jul 27 2022

web amazon com the bodyguard training manual ebook al case june 26th 2013 a short manual giving an overview of the

bodyguard work and 16 training the bodyguard training manual is the absolute best manual on self publish with us
bodyguard ambush book 3 ebook by chris bradford

bodyguard training com docshare tips - Feb 19 2022

web as a butler professional assistant or bodyguard you shouldn t go to the ground if you don t have to you have someone to
protect these ebooks are a must read join now for free wristlocksexpert com copyright 2001 2007 kerwin benson publishing 3
introduction you are in charge of caring for

the modern bodyguard the manual of close protection training - Sep 09 2023

web feb 13 2012 as the definitive training manual the modern bodyguard covers all you need to know about the work of
bodyguarding revised and enlarged in 1997 it is some 332 pages with over 100 photographs and over 70 illustrations
covering the

bodyguard training ebook publishing us pdf uniport edu - Jul 07 2023

web jun 26 2023 about what you dependence currently this bodyguard training ebook publishing us as one of the most
functioning sellers here will extremely be accompanied by the best options to review monthly catalogue united states public
documents 1990 ar 600 20 11 06 2014 army command policy survival ebooks us department of

bodyguard training ebook publishing us pdf 2023 - Nov 18 2021

web bodyguard training ebook publishing us pdf upload betty n paterson 1 3 downloaded from voto uneal edu br on august
31 2023 by betty n paterson bodyguard training ebook publishing us pdf in a digitally driven earth wherever screens reign
great and quick communication drowns out the subtleties of language the profound strategies and

bodyguard training ebook publishing us - Jun 25 2022

web bodyguard training ebook publishing us eventually you will utterly discover a further experience and skill by spending
more cash yet when realize you say you will that you require to get ebooks monthly catalogue united states public documents
1990 secrets and lies bruce schneier 2015 03 23

free bodyguard training manual by mariestewart2201 issuu - Feb 02 2023

web sep 20 2017 save this book to read free bodyguard training manual pdf ebook at our online library get free bodyguard
training manual pdf file for free from our online library free bodyguard training manual

bodyguard training ebook publishing us - Jan 01 2023

web sep 17 2023 publish with us booktopia bodyguard survival book 6 by chris bradford march 1st 2018 no amount of
bodyguard training can prepare him for the dangerous james bond and alex rider to bring us the action packed ebooks audio
books bodyguard training manual the official handbook issuu june 3rd 2014 issuu

bodyguard training ebook publishing us wrbb neu - May 25 2022

web right here we have countless book bodyguard training ebook publishing us and collections to check out we additionally manage to pay for variant types and after that type of the books to browse

bodyguard training s harvard university - Sep 28 2022

web training resources united states department of state bureau of diplomatic security training center 1992 prepared schools school safety and security training manual ron woodruff randal 2019 08 15 unwarranted events occur no matter how safe we make our schools our job as stewards of students is to learn from past events and to train

bodyguard training ebook publishing us ftp playfairqatar org - Apr 23 2022

web american foreign policy this book provides analysis from insiders who have worked at the national security council the state department department of defense the intelligence community

moving someone through a crowd practical exercises for - Aug 08 2023

web no this e book won t instantly turn you into a killer bodyguard it is not a complete training manual you need proper martial arts training more specific bodyguard training and you need to know the law neither kerwin benson publishing the author nor anyone associated with the production promotion or distribution of this

bodyguard training manual the official handbook issuu - Mar 23 2022

web jul 4 2017 save this book to read bodyguard training manual the official handbook pdf ebook at our online library get bodyguard training manual the official handbook pdf file for free from our online library

bodyguard training ebook publishing us copy uniport edu - Mar 03 2023

web bodyguard training ebook publishing us 1 7 downloaded from uniport edu ng on may 14 2023 by guest bodyguard training ebook publishing us eventually you will unconditionally discover a additional experience and success by spending more cash still when attain you believe that you require to acquire those every needs like having

introduction to bodyguard training free online course alison - Apr 04 2023

web outline the responsibilities of a bodyguard list the various skills required to become a professional protector establish the importance of risk and threat assessments to personal security discuss the various laws and regulations

bodyguard training pdf free download epub pub - Oct 10 2023

web 1 bodyguard training moving someone through a crowd practical exercises for martial artists by keith pascal copyright 2001 kerwin benson publishing 2 free with a catch yes this report is free with a catch if you like it please pass it on to fellow martial artists and self defense enthusiasts

bodyguard training ebook publishing us subsites imoney my - Dec 20 2021

web sep 20 2023 fifth oldest independently publish with us sell bodyguard training manual the official handbook issuu june 3rd 2014 issuu is a digital publishing platform that bodyguard training manual handbook pdf ebook at our online library get

bodyguard training manual the bodyguard recruit book 1 by chris bradford overdrive

bodyguard training ebook publishing us pdf download only - Nov 30 2022

web bodyguard training ebook publishing us pdf introduction bodyguard training ebook publishing us pdf download only the asian 21st century kishore mahbubani 2021 12 30 this open access book consists of essays written by kishore mahbubani to explore the challenges and dilemmas faced by the west and asia in an increasingly

bodyguard training ebook publishing us book - Jan 21 2022

web bodyguard training ebook publishing us a wonderful fictional treasure full of raw feelings lies an immersive symphony waiting to be embraced constructed by an elegant musician of language this captivating masterpiece conducts readers on an emotional trip well unraveling the hidden songs and

bodyguard training ebook publishing us pqr uiaf gov co - Aug 28 2022

web merely said the bodyguard training ebook publishing us is universally compatible following any devices to read national security law and the constitution geoffrey s corn 2020 09 03 national security law and the constitution provides a comprehensive examination and analysis of the inherent tension between the

bodyguard training ebook publishing us 2022 wrbb neu - Oct 30 2022

web computer bodyguard training ebook publishing us is to hand in our digital library an online entry to it is set as public correspondingly you can download it instantly our digital library saves in combination countries allowing you to get the most less latency epoch to download any of our books subsequently this one merely said the

bodyguard training manual the official handbook issuu - May 05 2023

web sep 4 2017 save this book to read bodyguard training manual the official handbook pdf ebook at our online library get bodyguard training manual the official handbook pdf file for free from our online library

festo fpc 202 programmable controller user manual - Apr 18 2023

web festo fpc 202 programmable controller user manual festo fpc 202 programmable controller festo electronic 1999 programmable controllers 0 reviews reviews aren t verified but google checks for and removes fake content when it s identified

flygt fpc100 installation and user manual pdf - Jul 09 2022

web view and download flygt fpc100 installation and user manual online single pump controller fpc100 controller pdf manual download

automation suite setup software festo usa - Oct 12 2022

web with our free pc based festo automation suite software you only need to use one application and always have all the information and tools you need at hand it makes setting up your drive package from the mechanical system to the controller

mere child s play

festo fpc201 omron c20 manual omron - Mar 05 2022

web may 3 2004 posted 30 apr 2004 hello i ve got a plc as in the picture above it is a festo fpc201 and also had two seperate units for programming by an rs232 link this is the prt201 and a unit with an lcd screen and keypads to program the plc prg201 i can t find any information on the internet about operating this plc i m looking for a manual and

festo emca ec 67 series translation of the original instructions - Feb 04 2022

web page 138 a festo parameter channel fpc a 1 1 function the festo parameter channel fpc is an expansion of the fhpp standard data and is used for cyclical transmission of parameters pnuc or parameter files

festo fpc 202 manual wordpress com - Apr 06 2022

web festo fpc 100 manual rating 8 9 10 1585votes bus connection the stl language as described herein applies to the festo fpc 101b af 202c the festo e abg led remote access panel is designed for use with festo plc models fpc 101 102 103 202i 202c 404 405 as well as festo ipc festo fpc 100 manual pdfsdocuments2 com

festo fpc 101 vitechparts - May 07 2022

web festo logic controller type fpc 101 input 24vdc 6ma output 24vdc 300ma 65 c max with phoenix contact card holder type skbi 64 c64 be the first to review this product brand festo type fpc 101 vitech number 31827 condition used available 2 shipped within 1 business day 726 00 600 00 qty

festo fpc 100 manual pdf 2023 black ortax - Jan 03 2022

web introduction festo fpc 100 manual pdf 2023 gazillion colum stapleton 2019 03 04 dead opposite to being on her majesty s secret service is what mildly assberger s entry grade irish civil servant anton fruen ends up at

festo user manuals download manualslib - May 19 2023

web view download of more than 11008 festo pdf user manuals service manuals operating guides industrial equipment control unit user manuals operating guides specifications

festo dfpc 100 anleitung bedienung manualzz - Jan 15 2023

web view online 2 pages or download pdf 933 kb festo dfpc 100 benutzerhandbuch dfpc 100 pdf manual download and more festo online manuals

manual for fpc100 installation and user archive org - Aug 22 2023

web single pump controller installation and user manual for fpc100 1 quick set up of fpc100 quick set up of fpc100 the purpose with the quick set up is to initiate the stop function fpc100 stops the pump fpc 100 conforms to international standards and is ul csa and ce marked warning antes de empezar cualquier trabajo comprobar que el

fpc 101 b logic controller in stock buy today artisanzg - Nov 13 2022

web the festo fpc 101 b logic controller features status leds a 34 pin male connector and a ejector handle festo fpc 101 b logic controller manuals datasheets drivers links view festo information

restored document festo usa - Feb 16 2023

web manual 18474 gb restored document ifb1 02 bes v 018474g1 1996 04n restored document 2011 12 15 authors christine lehner eberhard klotz fpc 405 control system from festo the system structure shown in the example of the fpc 405 controller can be used with the

festo software tools - Jun 20 2023

web contents and general instructions ii festo p be fst4 lb en en 0402nh microsoft windows registered trade mark of microsoft corporation

thetech insider com - Aug 10 2022

web thetech insider com

pdf festo fpc 100 manual middot pdf filedrv festo fpc - Jul 21 2023

web festo fpc 100 manual pdf filedrv festo fpc fec series 1 the table below shows the formats of every register the hmi can access register type format range with the register download pdf report upload truongdung view 306 download 13 embed size px

festo fpc 100 manual tec acaya ai - Jun 08 2022

web merely said the festo fpc 100 manual is universally compatible in the same way as any devices to read hybrid systems in foil mourad elsobky 2021 10 14 hybrid systems in foil hysif is a concept that extends the potential of conventional more than more systems in on package sips and sops to the flexible electronics world

festo fpc 202 programmable controller user manual - Dec 14 2022

web festo fpc 202 programmable controller user manual author festo electronic print book english 199 publisher festo electronic esslingen 199

services for programming festo usa - Sep 11 2022

web at festo we provide programming support for many products function blocks device description files gsd esd files and many more you will find this help directly in the product area the easiest way to do this is by entering the

country selection festo - Mar 17 2023

web festo uses cookies we use cookies to improve your experience on our website and to show you customized content and advertisements based on your interests by clicking the accept all cookies button you agree to our use of cookies you can choose which cookies you would like to accept via the settings link

joe cocker with a little help from my friends youtube - Jun 15 2023

web oct 18 2008 joe cocker with a little help from my friends

with a little help from my friends the beatles - Apr 13 2023

web read more with a little help from my friends originally titled a little help from my friends is a song written by john lennon and paul mccartney released on the beatles album sgt pepper s lonely hearts club band in 1967

the beatles with a little help from my friends songtext - Dec 09 2022

web von the beatles with a little help from my friends deutsche Übersetzung with a little help from my friends songtext billy shears what would you think if i sang out of tune would you stand up and walk out on me lend me your ears and i ll sing you a song and i ll try not to sing out of key oh i get by with a little help from my friends

with a little help from my friends by the beatles songfacts - Jan 10 2023

web by the beatles album sgt pepper s lonely hearts club band 1967 license this song lyrics artistfacts songfacts the album was recorded as if sgt pepper was a real band it opens with the title track then segues into with a little help from my friends

with a little help from my friends lyrics com - Feb 11 2023

web woodstock 1970 with a little help from my friends lyrics by the beatles from the sgt pepper s lonely hearts club band album including song video artist biography translations and more what would you think if i sang out of tune would you stand up and walk out on me lend me your ears and i ll sing you

with a little help from my friends wikipedia - Sep 18 2023

web with a little help from my friends is a song by the english rock band the beatles from their 1967 album sgt pepper s lonely hearts club band it was written by john lennon and paul mccartney and sung by drummer ringo starr as sgt pepper singer billy shears his lead vocal for the album

with a little help from my friends remastered 2009 youtube - Jul 16 2023

web jun 19 2018 provided to youtube by universal music group with a little help from my friends remastered 2009 the beatles sgt pepper s lonely hearts club band 2009 calderstone productions limited a

with a little help from my friends genius - Aug 17 2023

web chorus ringo starr john lennon paul mccartney oh i get by with a little help from my friends mm i get high with a little help from my friends mm gonna try with a little help from my

finale performance of with a little help from my friends at the - May 14 2023

web mar 30 2020 75k 9m views 3 years ago inductees ringo starr and paul mccartney of the beatles perform with a little help from my friends with special guests at the 2015 rock roll hall of fame induction

[the beatles with a little help from my friends bbc](#) - Mar 12 2023

web with a little help from my friends is a track taken from the iconic album sgt pepper s lonely hearts club band which was

released in 1967 it is sung by ringo starr and follows the opening